ANNUAL REPORT

OF

THE MINES BRANCH

OF THE

PROVINCE OF ALBERTA

1927

EDMONTON:
PRINTED BY W. D. McLEAN, ACTING KING'S PRINTER
1928

EDMONTON, FEBRUARY 9, 1928.

TO THE HON. J. E. BROWNLEE,

President of the Executive Council.

SIR,—

I herewith submit report of The Mines Branch for the year ending December 31, 1927.

Respectfully submitted,

JOHN T. STIRLING,
Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31, 1927.

The total amount of coal produced in the Province during the year was 6,936,780 tons, of which 1,508,089 tons were sold for consumption in the Province of Alberta, 2,250,154 tons in other provinces in Canada, 45,160 tons for consumption in the United States, 2,759,765 tons were sold to Railroad Companies, 19,046 tons were used making Briquettes, 287 tons were used making Coke, 248,565 tons were used under Colliery Boilers, 8,264 tons were used by Colliery Railroads, 44,160 tons were put to Stock and 105,974 tons were put on the Waste Heap.

In addition to the coal mined, 44,113 tons of shale and 2,102 tons of bituminous sands were produced during the year.

It will be noted that the production of coal during the year was 427,872 tons greater than the production for the year 1926, also that it was the largest output ever produced in the Province, being 27,857 tons greater than the production of the year 1920 when 6,908,923 tons were produced.

There were 1 shale mine and 2 open pits producing shale for brick-making, also 325 coal mines in operation during the year 1927; of the latter 22 were opened, 12 re-opened and 63 abandoned. In addition to the mines abandoned 49 were closed temporarily, leaving 259 mines in operation at December 31, 1927.

An addition was made to the staff of District Inspectors during the year, Mr. Bernard Nugent, of Drumheller, being appointed with headquarters at Camrose, replacing Mr. John Crawford, who was transferred to East Crow's Nest, Cascade and Nordegg areas with headquarters at Blairmore.

The Commission appointed to investigate and ascertain the cause of the explosion which occurred in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., near Coleman, on November 23, 1926, held sessions in the Oddfellows Hall, Coleman, commencing November 15, 1927, continuing until November 22, 1927, the Hon. H. Harvey, Chief Justice of the Appellate Court being the Commissioner. The findings of the Commission were that the cause of the explosion was the ignition of gas and dust from the heat generated in the last shot fired in the rock face of No. 4 Level North. The delay in holding the session of the Commission was caused through the necessity for cleaning up the caves on No. 4 North Entry after the water was pumped out.

In addition to the regular inspections of mines, all serious and fatal accidents have been investigated, and all inquests have been attended.

An amendment to The Mines Act was passed at the 1927 Session of the Legislature requiring that "from and after the 30th day of September no person shall work at the working faces in any mine unless he is the holder of a Certificate of Competency as a Coal-miner." There have been granted by examination to December 31, 1927, 7,480 Certificates of Competency as Coal-miners.

Samples of mine air have been taken in different mines by the District Inspectors in addition to tests made by them with the Burrell Gas Detector. These samples have been forwarded to the Department of Mines, Ottawa, for analysis.

Samples of coal-dust have been collected from the roadways in various mines and forwarded to the Scientific and Industrial Research Council of Alberta for screen tests for fineness also for analysis for combustible contents, samples of coal have also been taken and forwarded to the Council for analysis.

The regulations requiring that, in mines which are dry and dusty, the roadways must be rock-dusted to the extent that the combustible content of the dust is kept less than 50 per cent., were passed by Order-in-Council, January 24, 1927, and have been put into effect. All bituminous mines which are dry have rock-dusted the main roadways with crushed limestone.

The permitted explosive list was amended during the year by adding as Order No. 27 the explosive known as CXL-ite No. 2, which is used for blasting rock.

There were in use at the mines during the year 780 safety lamps of the Wolfe Flame Type and 11 of the Koehler Flame Type, and 5,090 Electric portable lamps of the Edison Cap Type.

The use of purchased electric power by the mines in the Province is increasing, there having been used in the mines in the Edmonton area 683,425 k.w. hours, which power was purchased from the City of Edmonton. In the Crow's Nest area there were 11,923,930 k.w. hours used, which power was purchased from the hydro-electric plant operated by the East Kootenay Power Co., Ltd., at Bull River, B.C. This plant is now assisted in taking care of the peak load and other load conditions by the steam-operated plant installed by this company at Crow's Nest Lake. In the Drumheller area there were 2,336,027 k.w. hours used, which power was purchased from the Union Power Co. of Drumheller, which plant also supplied 72,082 k.w. hours to mines in the Carbon area. There were 173,565 k.w. hours purchased from the City of Lethbridge and used by the mines in the Lethbridge area. In the Redcliff area 100,240 k.w. hours were used, which power was purchased from the City of Medicine Hat.

There were 29 prosecutions instituted for contraventions of the provisions of The Mines Act, a conviction being obtained in each case.

There were 11,639 persons employed during the month of December, 1927, which was an increase of 274 over the number employed during the month of December, 1926.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1926:

Calendar Year	Short tons	Value
1886	43,220	$ 81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,838,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
1922	5,990,911	24,351,913
1923	6,854,397	28,018,303
1924	5,189,729	18,884,318
1925	5,869,031	20,021,484
1926	6,503,705	20,886,103
Total	94,266,372	$309,526,022

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919, 1920, 1921, 1922, 1923, 1924, 1925 and 1926, mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA, 1903-1926.

The following table is taken from the report issued by the Dominion Bureau of Statistics for the year 1926:

Calendar Year	*Canadian		Imported Coal Entered for Consumption						Total	Per Capita
			From U.S.A.		From Great Britain		Total			
	Short tons	%	Short tons	%	Short tons	%	Short tons	%		
1903	6,005,735	52.2					5,491,870	47.8	11,497,605	2.005
1904	6,697,183	49.2					6,909,651	50.8	13,606,834	2.346
1905	7,032,661	48.9					7,343,880	51.1	14,376,541	2.362
1906	7,927,560	51.7					7,398,906	48.3	15,326,466	2.425
1907	8,617,352	45.0					10,549,503	55.0	19,166,855	2.947
1908	9,156,478	47.3					10,195,424	52.7	19,351,902	2.820
1909	8,913,376	47.9	Data not compiled separately				9,711,826	52.1	18,625,202	2.682
1910	10,532,103	50.2	prior to 1919.				10,438,123	49.8	20,970,226	2.960
1911	9,822,749	40.5					14,424,949	59.5	24,247,698	3.365
1912	12,385,696	46.0					14,549,104	54.0	26,934,800	3.657
1913	13,450,158	42.6					18,132,387	57.4	31,582,545	4.196
1914	12,214,403	45.5					14,637,920	54.5	26,852,323	3.490
1915	11,500,480	48.1					12,406,212	51.9	23,906,692	3.041
1916	12,348,036	41.3					17,517,820	58.7	29,865,856	3.717
1917	12,313,603	37.2					20,810,132	62.8	33,123,735	4.049
1918	13,160,731	37.8					21,611,101	62.2	34,771,832	4.175
1919	11,611,168	40.3	17,292,913	59.8	344		†17,236,269	59.7	28,847,437	3.402
1920	14,025,566	42.9	18,752,981	57.2			†18,668,741	57.1	32,694,307	3.788
1921	12,715,734	41.1	18,300,081	59.0	1,591		†18,258,387	58.9	30,974,121	3.524
1922	13,044,352	50.2	12,255,555	47.0	765,980	3.0	†12,962,189	49.8	26,006,541	2.909
1923	15,070,962	41.8	20,417,239	56.7	572,570	1.5	†20,967,971	58.2	36,038,933	3.968
1924	12,529,358	42.8	16,405,344	56.1	317,112	1.1	†16,714,143	57.2	29,243,501	3.170
1925	12,125,290	42.6	15,744,957	55.3	604,117	2.1	†16,331,971	57.4	28,457,261	3.039
1926	15,449,831	48.3	16,204,405	50.6	287,299	0.9	†16,565,555	51.7	32,015,386	3.329

*The sum of Canadian coal mine sales, colliery consumption, coal supplied to employees and coal used in making coke, etc., less the tonnage of coal exported.
†Includes small tonnages from countries other than Great Britain and the United States.

The following tables are taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada."

IMPORTS OF ANTHRACITE COAL INTO ONTARIO, MANITOBA, SASKATCHEWAN AND ALBERTA BY KINDS AND GRADES AND BY PROVNCES FROM 1922 TO 1927 INCLUSIVE:

Destination	1922		1923		1924		1925		1926		1927	
	Egg & Nut, etc.	Dust.	Egg & Nut, etc.	Dust.	Egg & Nut, etc.	Dust.	Egg & Nut, etc.	Dust.	Egg & Nut, etc.	Dust.	Egg & Nut, etc.	Dust.
Ontario	1,573,545	70,016	2,999,919	142,603	2,615,688	65,310	2,169,580	84,469	2,404,173	115,311	*2,072,157	130,692
Manitoba	10,975	3,740	54,290	1,566	30,324	3,898	28,182	6,214	13,981	4,009	12,752	3,133
Saskatchewan	111	120	2,125	166	1,687	33	702		464		484	
Alberta							30					
Total	1,584,631	73,876	3,056,334	144,335	2,647,699	69,241	2,198,494	90,683	2,418,618	119,320	2,085,393	133,825

*Includes 10,494 tons anthracite coal imported from Great Britain.

IMPORTS OF BITUMINOUS COAL:

Ontario	9,447,593	14,068,002	10,737,848	9,884,710	11,696,108	13,158,927
Manitoba	74,848	112,134	143,609	147,758	149,374	142,860
Saskatchewan	1,484	1,607	2,561	1,732	1,887	2,141
Alberta	1,147	1,110	1,209	1,175	1,515	1,324
Total	9,525,072	14,182,853	10,885,227	10,035,375	11,848,884	13,305,252

Canada also imported 10 tons of lignite coal into Nova Scotia and 18,358 tons into British Columbia in the year 1925.
Canada also imported 10,965 tons of lignite coal into British Columbia in the year 1926.

The following table shows the quantity in tons of coal entered for consumption for each year since 1919 through ports in the Provinces of Manitoba, Saskatchewan, Ontario, British Columbia and Alberta:

BITUMINOUS COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Canada
1919	7,641,682	483,991	59,253	1,063,793	9,248,719	62,746	1,406	1,131	6,700	12,010,490
1920	10,261,367	571,870	111,957	1,391,709	12,336,903	43,547	535	607	13,128	15,902,632
1921	8,605,872	659,763	127,956	1,316,155	10,709,746	76,833	2,127	1,829	17,081	13,536,250
1922	7,424,171	445,019	68,082	1,517,250	9,454,522	74,848	1,484	1,147	13,966	11,563,467
1923	11,621,859	619,037	95,439	1,731,667	14,068,002	112,134	1,607	1,110	17,919	17,517,108
1924	8,763,676	403,388	70,259	1,500,525	10,737,848	143,609	2,422	1,209	25,049	12,619,082
1925	9,100,462	286,984	81,173	497,264	9,884,710	147,758	1,732	1,175	40,286	13,015,323
1926	10,531,095	199,908	83,182	965,105	11,696,108	149,374	1,887	1,515	32,992	13,802,242
1927	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648*	15,178,640†

ANTHRACITE COAL

1919	2,977,913	119,234	559	346,442	3,444,148	12,906		66	136	4,972,283
1920	2,943,134	69,206	2,648	226,476	3,241,464	17,509	206	517	75	4,912,964
1921	2,809,189	62,782	138	198,108	3,070,217	33,473	254	66	251	4,567,370
1922	1,586,924	21,507	12	36,018	1,644,461	14,715	231		1,261	2,693,957
1923	3,061,779	28,229	429	54,329	3,144,766	55,856	2,291		174	5,167,881
1924	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720		687	4,183,594
1925	2,203,281	37	170	50,731	2,254,049	34,396	702	30	246	3,798,744
1926	2,458,674		56	60,810	2,519,484	17,990	464		5,202	4,242,932
1927	2,123,515		51	79,283	2,202,849	15,885	484		3,812	4,063,619‡

NOTE: Besides the Anthracite and Bituminous coal imported there were 2,331 tons of Lignite coal imported into British Columbia from the United States during 1923.

During 1924 there were 139 tons of Lignite coal imported from the United States into Saskatchewan and 25,763 tons were imported from the United States into British Columbia, making a total of 25,902 tons of Lignite coal imported into Canada from the United States.

During 1926 British Columbia also imported 10,965 tons of Lignite coal from the United States.

The above tables have been revised on information received from the Dominion Bureau of Statistics, Ottawa.

*Includes 2 tons imported in March, 1 ton in May, 1 ton in June and 4 tons in August into Yukon Territory.

†Includes 140,309 tons Bituminous coal from Great Britain, also 323 tons Bituminous coal from Japan.

‡Includes 788,235 tons Anthracite coal imported from Great Britain, 5,155 tons of Anthracite coal from the Netherlands, also 4,818 tons Anthracite from Germany.

During the year 1927 British Columbia also imported 10,829 tons of Lignite coal from the United States.

The following table shows the quantity of Coke entered for consumption during the years 1925, 1926 and 1927 through ports in the Provinces, compiled from information received from the Dominion Bureau of Statistics:

Province	1925	1926	1927
	Tons	Tons	Tons
Prince Edward Island	49	27	54
Nova Scotia	2,545	5,825	5,788
New Brunswick	1,241	1,458	1,338
Quebec	48,494	93,648	105,969
Ontario	739,104	869,000	649,165
Manitoba	53,695	16,381	16,055
Saskatchewan	110		
Alberta			
British Columbia	7,189	1,695	1,838
Total	852,427	988,034	780,207

The following tables show quantities in tons of Coal entered for consumption for each month during the year 1927, through ports in the Provinces of Manitoba, Saskatchewan, Alberta, British Columbia and Ontario, compiled from information received from the Dominion Bureau of Statistics:

BITUMINOUS COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Manitoba, Sask., Alta., B.C., and Yukon	Total Canada
January	1,009,583	66	9,907	13,953	1,033,509	22,982	146	8	1,291	24,427	1,217,201
February	894,111	76	5,862	2,847	902,896	18,185	98	195	1,589	20,067	1,071,517
March	1,188,966		7,898		1,196,864	13,700	352	102	2,510	16,664	1,414,818
April	819,141		4,486	34,097	857,724	6,318	373	233	1,393	8,317	937,656
May	812,968	39,616	4,477	295,951	1,153,012	7,431	172	136	3,192	10,931	1,343,338
June	1,170,192	82,310	7,236	376,034	1,635,772	9,221	170		3,205	12,596	1,820,246
July	872,663	82,310	3,371	217,180	1,175,524	6,277	211	153	2,359	9,000	1,392,010
August	1,211,584	6,093	9,625	65,192	1,292,494	7,778	185	184	299	8,446	1,492,116
September	916,929	2,244	3,281	100,570	1,023,024	274	127	235	203	839	1,191,329
October	1,027,526	63	8,686	78,772	1,115,047	14,607	191	43	4,080	18,921	1,273,073
November	897,370	3,099	14,342	60,385	975,196	15,518	72		1,227	16,817	1,125,105
December	751,645	5,817	11,693	28,710	797,865	20,569	44	35	1,300	21,948	900,231
Total	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648*	168,973	15,178,640†

*Includes 2 tons imported in March, 1 ton in May, 1 ton in June and 4 tons in August into Yukon Territory.
†Includes 140,309 tons bituminous coal from Great Britain, also 323 tons bituminous coal from Japan.
During 1927 British Columbia also imported 10,829 tons lignite coal from the United States.

ANTHRACITE COAL

January	148,652		38	5,929	154,619	2,464				2,464	242,327
February	144,893				144,893	1,714				1,714	234,879
March	118,952		1		118,953	1,171	2		23	1,196	193,470
April	125,344				125,344	247			3,766	4,013	182,136
May	185,874				185,874	177				177	375,830
June	272,181			11,447	283,628	1,235				1,235	540,591
July	166,089			6,997	173,086						363,293
August	168,786			18,970	187,756	1,128			23	1,151	408,748
September	208,705				208,705	1,619	24			1,643	368,697
October	210,643			5,279	215,922	3,047	191			3,238	386,898
November	212,113		5	11,890	224,008	1,441	104			1,545	453,737
December	161,283		7	18,771	180,061	1,642	163			1,805	313,018
Total	2,123,515		51	79,283	2,202,849	15,885	484		3,812	20,181	4,063,619*

*Includes 788,235 tons anthracite coal imported from Great Britain, 5,155 tons anthracite coal from the Netherlands, also 4,818 tons anthracite coal from Germany.

TOTAL IMPORTATIONS, 1927

Bituminous	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648	168,973	15,178,640†
Anthracite	2,123,515		51	79,283	2,202,849	15,885	484		3,812	20,181	4,063,619
Grand Total	13,696,193	221,694	90,915	1,352,974	15,361,776	158,745	2,625	1,324	26,460	189,154	19,242,259

During 1927 British Columbia imported 10,829 tons lignite coal from the United States.

†The total includes 8 tons of bituminous coal imported into the Yukon.

MINERAL PRODUCTION OF ALBERTA, 1926 and 1927

Product	1926		*1927	
	Quantity	Value	Quantity	Value
Non-Metallic:				
Bituminous Sands, tons	528	$ 2,112	2,706	$ 10,824
Coal, tons	6,503,705	20,886,103	6,929,366	21,959,138
Natural Gas, M. cu. ft.	10,794,697	3,019,221	12,933,801	3,589,485
Petroleum, brl.	216,050	902,504	321,154	1,189,007
Salt, tons	2,037	22,696	100	1,300
Clay Products and other Structural Materials:				
Cement	423,766	873,621	601,699	1,303,880
Clay products		804,933		889,355
Lime, bush.	108,309	39,517	130,596	46,947
Sand and gravel, tons	1,754,965	412,430	1,699,329	376,404
Stone, tons	3,759	13,890	3,367	7,830
Total		26,977,027		29,374,170

*Subject to revision.

Prepared in the
Mining, Metallurgical & Chemical Branch,
Ottawa, Ontario.

The following table gives particulars with reference to the Coal Mining Industry in the Province of Alberta during the year ending December 31, 1927.

SUMMARY OF STATISTICS.

Number of short tons of coal produced	6,936,780
Number of short tons of Briquettes produced	20,649
Number of short tons of Coke produced	173
Number of short tons of Shale produced	44,113
Number of bricks sold	13,995,560
Number of Coal Mines in operation during the year	325
Number of Shales mines in operation during the year	1
Number of Shale Pits in operation during the year	2
Number of mines opened	22
Number of mines re-opened	12
Number of mines abandoned	63
Number of mines closed but not abandoned	49
Number of mines in operation at December 31, 1927	259
184 mines or 56.62% of the total operating produced 0.81% of the output.	
64 mines or 19.69% of the total operating produced 1.81% of the output.	
13 mines or 4% of the total operating produced 1.36% of the output.	
24 mines or 7.38% of the total operating produced 8.11% of the output.	
18 mines or 5.54% of the total operating produced 19.69% of the output.	
11 mines or 3.39% of the total operating produced 20.83% of the output.	
7 mines or 2.15% of the total operating produced 26.64% of the output.	
3 mines or 0.92% of the total operating produced 13.88% of the output.	
1 mine or 0.31% of the total operating produced 6.87% of the output.	
Average number of persons employed below ground	6,681
Average number of persons employed above ground	2,335
Number of separate accidents causing loss of life	26
Number of deaths caused by accidents above ground	2
Number of deaths caused by accidents below ground	24
Number of serious accidents above ground	8
Number of serious accidents below ground	68
Number of slight accidents above ground	20
Number of slight accidents below ground	95
Number of persons prosecuted under The Mines Act	29
Number of Provisional Certificates (Overmen) issued in 1927	225
Number of Certificates of Competency as Coal-miners issued in 1927	7,480
Number of Third Class Certificates issued in 1927	24
Number of Second Class Certificates issued in 1927	6
Number of First Class Certificates issued in 1927	3
Number of Mine Surveyors' Certificates issued in 1927	2
Total number of Third Class Certificates issued to December 31, 1927	953
Total number of Second Class Certificates issued to December 31, 1927	373
Total number of First Class Certificates issued to December 31, 1927	220
Total number of Interchange of First Class Certificates issued to December 31, 1927	4
Total number of Mine Surveyors' Certificates issued to December 31, 1927	179

The following table gives particulars of work done at the Shale Mines in the Province.

OUTPUT OF SHALE IN TONS OF 2,000 LBS., USED FOR MAKING BRICKS 44,113.

AVERAGE NUMBER OF DAYS WORKED

Areas	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Average
Redcliff	19.0	21.0	21.33	20.33	20.33	20.0	22.0	22.3	21.66	22.0	21.66	21.3	253

NUMBER OF MEN EMPLOYED IN SHALE MINES

Redcliff	46	46	46	46	46	46	47	47	47	47	47	47	47

Mine Timber Used (linear feet) 7,390
Explosives Used—40% Dynamite (lbs.)..... 8,921
Black Powder (lbs.)..... 15

Number of shots fired (Fuse) 7,713
(Squib) 6
No miss-fire shots.

BRICKS SOLD FOR USE IN:

Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Total
5,100,400	1,107,720	7,007,540	609,500	170,300	13,995,560

NOTE: The Copper Mine was not in operation during the year.

In the following tables the short ton of 2,000 lbs. is used in all cases:

Year	Output in tons for N.W.T. (Alta. & Sask.)	Output in tons Alberta
1901	346,649	
1902	510,674	
1903	622,939	
1904	782,931	
1905		811,228
1906		1,385,000
1907		1,834,745
1908		1,845,000
1909		2,174,329
1910		3,036,757
1911		1,694,564
1912		3,446,349
1913		4,306,346
1914		3,821,739
1915		3,434,891
1916		4,648,604
1917		4,863,414
1918		6,148,620
1919		5,022,412
1920		6,908,923
1921		5,937,195
1922		5,976,432
1923		6,866,923
1924		5,203,713
1925		5,883,394
1926		6,508,908
1927		6,936,780

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 TO 1927 INCLUSIVE

Year.	Domestic	Domestic and Bituminous	Sub-Bituminous	Bituminous	Anthracite	Coal used in Coke Production	Briquettes	Coke
*1901		331,907			14,742			
*1902		494,087			16,587			
*1903		617,754			5,185			
*1904		759,568			23,363			
*1905		972,686			43,653	71,292		46,640
1906	602,780			546,623	235,597	103,930		69,844
1907	639,335			939,295	256,115	112,887	49,585	73,782
1908	584,334			1,011,571	249,095	128,397	36,261	75,657
1909	763,673			1,197,399	213,257	148,104	89,785	87,812
1910	878,011			1,896,961	261,785	196,249	108,996	121,578
1911	964,700			649,745	80,119	61,591	48,200	35,984
1912	1,341,389			1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225			2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401			1,953,367	170,971	44,249	109,082	29,058
1915	1,682,922			1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801			2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829			2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061			2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009			2,325,787	85,616		70,033	
1920	3,359,309			3,419,021	130,594		101,693	
1921	2,943,141			2,897,380	96,674		62,466	
1922	3,086,669		635,073	2,214,273	40,417		33,663	
1923	3,161,741		459,869	3,245,313	107		39,638	
1924	3,096,660		585,765	1,521,288				
1925	3,156,359		581,885	2,145,200			791	
1926	3,160,029		490,371	2,858,508			11,381	
1927	3,357,171		595,190	2,984,419		287	20,649	173

*Includes outputs from Alberta and Saskatchewan. Previous to 1922 Sub-Bituminous was included in Bituminous Coal.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.
During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of five months.
During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of six and a half months.
During the year 1924 a strike affecting all the larger mines in the Province lasted for a period of

The following table shows how the total output of COAL and BRIQUETTES and COKE was disposed of during 1927:

	SOLD FOR CONSUMPTION IN:																
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste but not lifted from stock or waste
Domestic	1,311,576	102,577	1,268,492	456,031	20,800	28,368		3,187,844	129,149	1,107			26,807	44,129	29,570	2,295	3,357,171
Sub-Bituminous	61,427	33,104	72,444	76,064	1,880	535	293,513	538,967	19,787	4,480			4,341	32,549	4,934		595,190
Bituminous	135,086	51,347	86,968	80,447		16,257	2,466,252	2,836,357	99,629	2,677	19,046	287	13,012	29,296	15,885		2,984,419
Total	1,508,089	187,028	1,427,904	612,542	22,680	45,160	2,759,765	6,563,168	248,565	8,264	19,046	287	44,160	105,974	50,389	2,295	6,936,780
Briquettes	2,521	6,686	4,451	3,521			3,470	20,649									20,649
Coke			51	87	35			173					22		22		173

Disposed of during 1926:

	SOLD FOR CONSUMPTION IN:																
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste but not lifted from stock or waste
Domestic	1,171,627	71,450	1,174,461	461,938	70,110	221	20,861		2,970,668	129,547	819		39,152	43,513	23,533	137	3,160,029
Sub-Bituminous	56,779	21,683	53,455	68,432	4,449		1,042	238,316	444,156	18,087	2,341		6,815	22,968	3,981	15	490,371
Bituminous	96,884	34,725	68,265	60,897			26,313	2,468,124	2,755,208	79,415	2,571	10,344	22,751	11,675	23,456		2,858,508
Total	1,325,290	127,858	1,296,181	591,267	74,559	221	48,216	2,706,440	6,170,032	227,049	5,731	10,344	68,718	78,156	50,970	152	6,508,908
Briquettes	1,924	2,058	3,837	3,374	33			155	11,381								11,381

The following table indicates how the total output of DOMESTIC Coal from the Province was disposed of:

Areas	SOLD FOR CONSUMPTION IN:						Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
Ardley	6,010		1,159	230			7,399	394			309			8,102
Big Valley	13,890		1,124	199	2,286		17,499	2,629			52			20,180
Brooks	3,999						3,999	2						4,001
Camrose	41,635	193	10,046	177	324	212	52,587	932		3	134	170		53,486
Carbon	56,211	635	11,068	17,768	1,102	42	86,826	3,773		1,032	857	1,217		91,271
Castor	34,630		44				34,674			20	1,789			36,483
Champion	8,005						8,005				49			8,054
Drumheller	328,868	40,660	712,913	317,017	10,711	6,080	1,416,249	28,119		3,743	18,251	3,538	2,169	1,460,655
Edmonton	462,670	213	26,909	6,406	610		496,808	14,907		95	1,446			513,256
Gleichen	3,267						3,267				10			3,277
Halcourt	602						602			5	2	5		604
Lethbridge	176,308	38,317	353,363	38,928	1,649	13,628	622,393	57,510	727	18,695	17,358	21,544		695,139
Magrath	463						463							463
Milk River	1,863						1,863				224			2,087
Pakowki	1,576						1,576			15	210			1,801
Pembina	76,725	21,256	39,786	24,414	2,717		164,898	11,877		2,874	632	2,894		177,387
Redcliff	11,122	32	15,500	636		432	27,722	115	227		1,055			29,119
Sheerness	19,314		4,235	32			23,581	2,133			785			26,499
Steveville	123						123							123
Taber	21,544	1,271	21,900	13,130	1,401	7,974	67,220	4,158	153	325	801	202	126	72,329
Tofield	42,416		70,245	37,094			149,755	2,600			20			152,375
Wetaskiwin	194						194				65			259
Whitecourt	110						110							110
No Area	31						31				80			111
Total	1,311,576	102,577	1,268,492	456,031	20,800	28,368	3,187,844	129,149	1,107	26,807	44,129	29,570	2,295	3,357,171

The following table shows how the total output of Coal from the Province was disposed of:

SUB-BITUMINOUS

Areas	SOLD FOR CONSUMPTION IN:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States											
Coalspur	31,179	32,414	38,290	60,509	675	67	291,869	455,003	13,603	4,480			2,671	32,584	3,304		504,987
Pekisko	4,237							4,237	75								4,312
Pincher	1,656					468		2,124	29				55	15	50		2,173
Saunders	24,355	690	34,154	15,555	1,205		1,644	77,603	6,080				1,615		1,580		83,718
Total	61,427	33,104	72,444	76,064	1,880	535	293,513	538,967	19,787	4,480			4,341	32,549	4,934		595,190

BITUMINOUS

Brule	702	2					118,044	118,748	11,833	1,430					1,400		130,611
Cascade	5,580	3,591	2,041	295			241,025	252,532	18,139	635	19,046		1,783		1,923		290,212
Crow's Nest	79,833	46,319	78,304	79,714		16,257	1,076,119	1,376,546	38,332	612		287	9,023	29,296	11,030		1,448,066
Mountain Park	46,239	1,435	6,623	438			805,465	860,200	23,217				1,207		711		883,913
Nordegg	2,732						225,599	228,331	8,108				999		821		236,617
Total	135,086	51,347	86,968	80,447		16,257	2,466,252	2,836,357	99,629	2,677	19,046	287	13,012	29,296	15,885		2,984,419

The following table indicates how the total output of COAL from the Province was disposed of by months during 1927:

Months	SOLD FOR CONSUMPTION IN:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States											
January	175,872	232,229	147,089	77,003	4,064	5,617	217,378	650,252	25,010	830	1,556		8,488	13,815	2,172		697,77[illegible]
February	152,547	16,318	139,203	63,121	3,642	3,719	209,678	588,228	22,444	825	826	58	2,524	11,100	4,463	250	621,292
March	107,100	10,691	74,641	20,481	734	1,921	229,476	445,044	21,400	834	768	43	1,148	7,702	9,821	150	466,968
April	74,744	7,257	39,552	15,383	637	1,430	298,510	437,513	17,578	936	491		2,467	8,631	4,479		463,137
May	60,916	5,738	39,716	14,700	872	985	319,177	442,104	18,088	834	945		973	9,578	8,225	1,540	462,757
June	53,926	5,555	37,173	11,733	338	1,626	327,661	438,012	17,322	714	257		553	7,240	3,743		460,355
July	53,394	9,096	58,312	20,357	483	1,670	280,745	424,057	16,872	508	256		3,559	4,927	1,213	355	448,611
August	76,638	8,531	101,348	34,404	1,646	2,191	236,415	461,173	17,887	438	526		2,324	4,735	2,473		484,610
September	119,104	19,677	126,093	55,481	2,734	4,923	163,035	491,047	19,215	438	2,301		4,111	3,673	5,395		515,390
October	140,145	25,105	174,200	93,790	3,353	5,954	134,043	576,590	21,632	448	2,012	137	6,486	8,114	4,397		611,022
November	233,984	25,721	229,629	99,382	1,986	7,960	149,728	748,390	24,697	656	3,386	49	6,108	13,014	1,946		794,354
December	259,719	30,110	260,948	106,707	2,191	7,164	193,919	860,758	26,420	803	5,722		5,419	13,445	2,062		910,505
Total	1,508,089	187,028	1,427,904	612,542	22,680	45,160	2,759,765	6,563,168	248,565	8,264	19,046	287	44,160	105,974	50,389	2,295	6,936,780
Percentage of Total Sales	22.98	2.84	21.76	9.33	0.35	0.69	42.05										

The following table indicates how the total output of DOMESTIC Coal from the Province was disposed of by months during 1927:

Months	SOLD FOR CONSUMPTION IN:						Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
January	157,860	13,633	131,775	60,527	3,561	3,802	371,158	14,016	69	3,733	5,404	1,544		392,836
February	134,779	8,940	126,646	49,683	3,567	1,827	325,442	12,935	48	1,698	3,759	3,406	250	340,226
March	94,771	6,978	68,600	15,797	663	847	187,656	10,561	19	836	1,673	6,733	150	193,862
April	64,199	4,140	36,425	11,235	637	628	117,264	8,649	131	675	989	4,282		123,426
May	51,892	2,975	34,254	8,193	840	274	98,428	8,955	73	636	366	4,519	1,540	102,399
June	41,336	1,629	31,103	4,854	82	438	79,442	7,335	92	284	619	2,076		85,696
July	40,096	2,882	51,002	10,433	254	816	105,483	7,582	118	639	1,405	988	355	113,884
August	60,043	4,571	84,814	10,022	1,510	1,119	171,079	8,499	81	1,220	1,899	644		182,134
September	95,692	11,920	107,544	42,649	2,618	3,388	263,806	10,365	76	3,587	2,316	1,342		278,808
October	121,182	15,016	156,868	74,217	3,271	4,831	375,385	12,297	104	5,898	6,600	1,728		398,556
November	212,755	13,820	206,051	76,954	1,823	5,431	516,834	13,838	120	3,404	9,247	1,338		542,105
December	236,971	16,073	233,410	82,467	1,974	4,972	575,867	14,117	176	4,197	9,852	970		603,239
Total	1,311,576	102,577	1,268,492	456,031	20,800	28,368	3,187,844	129,149	1,107	26,807	44,129	29,570	2,295	3,357,171
Percentage of Total Sales	41.14	3.21	39.80	14.31	0.65	0.89								

The following table indicates how the total output of SUB-BITUMINOUS Coal from the Province was disposed of by months during 1927:

Months	SOLD FOR CONSUMPTION IN:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	5,820	5,057	7,610	11,545	503	60	58,224	88,819	2,410	575	62	6,825	199		98,492
February	5,463	3,583	5,524	7,274	75	113	48,369	70,401	2,115	585	405	5,573	62		79,017
March	1,772	1,021	1,040	962	71		32,661	37,527	1,438	600	192	3,744	395		43,106
April	1,196	1,105	414	501		93	33,330	36,639	891	570	248	3,437			41,785
May	818	1,303	1,856	1,326	32		24,765	30,100	1,303	520	252	4,686	510		36,351
June	4,659	626	1,361	1,105	256		18,773	26,780	1,042	360	132	2,628	1,151		29,791
July	5,130	2,113	2,648	3,243	229		4,074	17,437	1,133	150	261	60	132		18,909
August	6,077	954	7,801	7,880	136	48	3,795	26,691	1,299	150	141	243	256		28,268
September	9,685	3,925	7,054	6,264	116	67	2,608	29,719	1,550	150	294	37	1,393		30,357
October	5,254	4,017	8,703	11,591	82	32	13,801	43,480	1,678	140	403	913	294		46,320
November	7,657	4,623	13,523	10,640	163	60	23,693	60,359	2,354	320	1,083	2,244	423		65,937
December	7,896	4,777	14,910	13,733	217	62	29,420	71,015	2,574	360	868	2,159	119		76,857
Total	61,427	33,104	72,444	76,064	1,880	535	293,513	538,967	19,787	4,480	4,341	32,549	4,934		595,190
Percentage of Total Sales	11.4	6.14	13.44	14.11	0.35	0.1	54.46								

The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of by months during 1927:

Months	SOLD FOR CONSUMPTION IN:					Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	United States											
January	12,192	4,539	7,704	4,931	1,755	159,154	190,275	8,584	186	1,556		4,693	1,586	429		206,451
February	12,305	3,795	7,033	6,164	1,779	161,309	192,385	7,394	192	826	58	421	1,768	995		202,049
March	10,567	2,692	5,001	3,722	1,074	196,815	219,861	9,401	215	768	43	120	2,285	2,693		230,000
April	9,849	2,012	2,713	3,647	709	265,180	283,610	8,038	235	491		1,544	4,205	197		297,926
May	8,206	1,460	3,606	5,181	711	294,412	313,576	7,830	241	945		85	4,526	3,196		324,007
June	7,931	3,300	4,709	5,774	1,188	308,888	331,790	8,945	262	257		137	3,993	516		344,868
July	8,168	4,101	4,662	6,681	854	276,671	301,137	8,157	240	256		2,659	3,462	93		315,818
August	10,518	3,006	8,733	7,502	1,024	232,620	263,403	8,089	207	526		963	2,593	1,573		274,208
September	13,727	3,832	11,495	6,568	1,473	160,427	197,522	7,300	212	2,301		230	1,320	2,660		206,225
October	13,709	6,072	8,629	7,982	1,091	120,242	157,725	7,657	204	2,012	137	185	601	2,375		166,146
November	13,572	7,278	10,055	11,788	2,469	126,035	171,197	8,505	216	3,386	49	1,621	1,523	185		186,312
December	14,852	9,260	12,628	10,507	2,130	164,499	213,876	9,729	267	5,722		354	1,434	973		230,409
Total	135,086	51,347	86,968	80,447	16,257	2,466,252	2,836,357	99,629	2,677	19,046	287	13,012	29,296	15,885		2,984,419
Percentage of Total Sales	4.76	1.81	3.06	2.84	0.58	86.95										

The following table shows the total amount of COAL sold during the years 1915 to 1927 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	By Railroads	Total
1915	2,129,120	54,860	695,898	64,816			25,047		2,967,751
1916	2,866,670	86,413	1,007,765	97,265			61,092		4,119,205
1917	2,813,413	76,397	1,139,771	249,872			93,081		4,372.534
1918	3,440,154	101,189	1,372,439	511,168	629		133,276		5,558,855
1919	2,991,110	95,461	1,115,329	314,290	308		121,212		4,637,710
1920	1,647,202	128,850	1,310,146	600,962	13,911	30	153,610	2,516,555	6,371,266
1921	1,415,861	116,089	1,294,441	495,388	9,898		133,823	2,023,204	5,488,704
1922	1,443,942	107,920	1,371,249	520,518	21,573	102	105,514	2,076,291	5,647,109
1923	1,382,788	108,326	1,223,454	553,639	52,334		83,557	3,110,121	6,514,219
1924	1,481,327	114,186	1,189,788	510,407	16,525		39,142	1,613,574	4,914,959
1925	1,440,032	117,037	1,297,653	509,655	28,831		40,507	2,139,716	5,573,431
1926	1,325,290	127,858	1,296,181	591,267	74,559	221	48,216	2,706,440	6,170,032
1927	1,508,089	187,028	1,427,904	612,542	22,680		45,160	2,759,765	6,563,168

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

The following table shows the amount of Coal produced by years from 1923 to 1927 inclusive:

DOMESTIC COAL FIELD

Areas	1923	1924	1925	1926	1927
Ardley	11,911	13,280	9,222	10,755	8,102
Big Valley	45,380	54,019	33,351	19,588	20,180
Brooks	7,251	6,351	6,049	4,011	4,001
Camrose	71,628	81,473	72,031	56,639	53,486
Carbon	101,454	185,536	149,832	97,274	91,271
Castor	27,594	29,922	37,463	33,627	36,483
Champion	9,321	9,933	10,473	8,189	8,054
Drumheller	1,239,253	1,112,757	1,109,273	1,385,423	1,460,655
Edmonton	616,140	675,285	558,710	459,035	513,256
Empress	308				
Gleichen	6,406	4,933	4,373	3,207	3,277
Halcourt	193	658	695	494	604
Lethbridge	657,032	409,099	669,119	658,882	695,139
Magrath	2,051	2,712	2,662	1,580	463
Milk River	3,604	4,142	3,303	2,899	2,087
Pakowki	3,141	2,672	2,655	2,410	1,801
Pembina	168,139	197,024	184,811	158,837	177,387
Redcliff	20,761	48,327	44,637	32,776	29,119
Sexsmith	458	123	53		
Sheerness	29,240	42,438	35,090	27,404	26,499
Steveville	922	739	525	349	123
Taber	33,233	94,811	82,998	63,291	72,329
Tofield	106,214	119,811	138,268	132,879	152,875
Wainwright		160	35		
Wetaskiwin		12	670	470	259
Whitecourt	107	443	61	10	110
No Area Assigned					111
Total	3,161,741	3,096,660	3,156,359	3,160,029	3,357,171

SUB-BITUMINOUS COAL FIELD

Coalspur	377,574	506,050	488,403	402,259	504,987
Morley		121	151		
Pekisko	3,148	4,549	4,415	6,303	4,312
Pincher	5,852	6,499	2,097	2,734	2,173
Saunders	73,295	68,546	86,769	79,075	83,718
Total	459,869	585,765	581,835	490,371	595,190

BITUMINOUS COAL FIELD

Brule	248,659	6,547	61,049	125,285	130,611
Cascade	264,554	134,827	173,579	275,639	290,212
Crow's Nest	1,604,248	918,845	1,132,300	1,452,069	1,443,066
Mountain Park	634,474	286,297	561,428	806,500	883,913
Nordegg	493,378	174,772	216,844	199,015	236,617
Total	3,245,313	1,521,288	2,145,200	2,858,508	2,984,419

The following table shows the total output of DOMESTIC COAL by areas during each month:

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	1,360	1,331	452	28	33	5	74	15	161	873	1,596	2,174	8,102
Big Valley	3,957	4,051	3,489	360	279	260	233	330	674	837	2,812	2,898	20,180
Brooks	503	409	282	196	81	136	121	334	267	587	571	514	4,001
Camrose	6,884	6,206	4,236	1,627	1,876	1,700	1,243	2,436	4,455	5,162	7,332	10,329	53,486
Carbon	10,680	11,642	6,920	4,303	4,086	1,737	1,266	3,041	6,688	9,523	14,736	16,649	91,271
Castor	5,492	5,951	3,382	594	283	289	203	549	1,296	2,520	7,263	8,661	36,483
Champion	1,127	766	738	489	244	300	249	656	504	753	1,167	1,061	8,054
Drumheller	171,061	158,281	64,258	34,339	29,754	19,071	24,854	69,860	130,023	198,928	267,958	292,277	1,460,655
Edmonton	64,590	53,037	38,570	26,393	23,041	18,902	13,913	19,031	37,375	44,923	78,711	94,770	513,256
Gleichen	510	497	290	164	82	69	66	76	174	310	541	498	3,277
Halcourt	106	115	52					19	14	48	95	155	604
Lethbridge	79,227	59,587	38,881	29,100	18,849	27,208	45,686	62,358	63,644	82,879	89,797	97,923	695,139
Magrath	110	93	55	18	12	5	6	5	17	24	50	68	463
Milk River	233	225	151	117	42	63	96	194	226	210	273	257	2,087
Pakowki	161	115	182	57	11	5	31	112	136	282	462	247	1,801
Pembina	19,211	17,117	17,333	10,317	12,463	6,004	7,526	7,398	14,783	18,440	22,883	23,912	177,387
Redcliff	3,220	2,491	2,365	2,804	1,590	1,449	2,502	1,439	2,029	2,714	2,073	4,443	29,119
Sheerness	2,953	2,812	2,316	1,208	882	1,026	868	1,350	1,415	2,291	4,822	4,556	26,499
Steveville	56	36	31										123
Taber	8,767	5,717	2,078	1,443	1,100	1,077	6,181	3,716	4,350	8,886	13,033	15,981	72,329
Tofield	12,516	9,651	7,795	9,878	7,691	6,390	8,766	9,215	10,577	18,366	25,892	25,638	152,375
Wetaskiwin	89	82									38	50	259
Whitecourt	23	14	6									67	110
No Area												111	111
Total	392,836	340,226	193,862	123,426	102,399	85,696	113,884	182,134	278,808	398,556	542,105	603,239	3,357,171

SUB-BITUMINOUS COAL

Coalspur	86,924	69,028	40,760	40,311	34,739	28,030	15,911	21,849	19,915	33,098	51,987	62,435	504,987
Pekisko	916	956	631	260	113	256	232	126	149	308	204	161	4,312
Pincher	281	210	105	176	52	75	31	88	139	292	339	385	2,173
Saunders	10,371	8,823	1,610	1,038	1,447	1,430	2,735	6,205	10,154	12,622	13,407	13,876	83,718
Total	98,492	79,017	43,106	41,785	36,351	29,791	18,909	28,268	30,357	46,320	65,937	76,857	595,190

BITUMINOUS COAL

Brule	10,196	10,068	10,995	10,981	11,983	13,397	11,577	7,624	9,701	12,306	11,908	9,875	130,611
Cascade	14,642	17,450	19,082	31,003	30,100	29,277	28,614	31,543	22,262	18,909	18,782	28,548	290,212
Crow's Nest	83,858	81,242	98,788	149,935	173,756	194,169	173,838	130,969	90,535	64,216	88,182	113,578	1,443,066
Mountain Park	68,718	78,320	86,365	90,361	93,172	92,528	82,583	83,859	59,853	46,664	45,769	55,721	883,913
Nordegg	29,037	14,969	14,770	15,646	14,996	15,497	19,206	20,213	23,874	24,051	21,671	22,687	236,617
Total	206,451	202,049	230,000	297,926	324,007	344,868	315,818	274,208	206,225	166,146	186,312	230,409	2,984,419

The following table shows the total output of COAL, BRIQUETTES and COKE during the year:

Coal	697,779	621,292	466,968	463,137	462,757	460,355	448,611	484,610	515,390	611,022	794,354	910,505	6,936,780
Briquettes	1,697	903	847	539	1,036	284	284	576	2,504	2,184	3,657	6,138	20,649
Coke		35	26							83	29		173

The following tables show the total amount of Coal sold to Railroad Companies by areas during each month for consumption by same:

SUB-BITUMINOUS COAL

Coalspur	58,224	48,369	32,661	33,330	24,765	18,773	3,803	3,480	2,163	13,680	23,530	29,091	291,869
Saunders							271	315	445	121	163	329	1,644
Total	58,224	48,369	32,661	33,330	24,765	18,773	4,074	3,795	2,608	13,801	23,693	29,420	293,513

BITUMINOUS COAL

Brule	8,953	8,956	9,825	9,862	10,875	12,311	10,340	6,534	8,583	12,516	10,671	8,618	118,044
Cascade	10,871	14,579	16,587	28,626	27,311	26,793	25,771	27,995	15,153	14,230	13,025	19,084	241,025
Crow's Nest	51,221	53,616	77,098	127,277	153,294	167,056	145,944	99,552	59,201	29,508	43,398	68,954	1,076,119
Mountain Park	59,977	69,843	79,303	84,795	88,451	87,907	76,602	78,489	53,349	40,860	38,971	46,918	805,465
Nordegg	28,132	14,315	14,002	14,620	14,481	14,821	18,014	20,050	23,141	23,128	19,970	20,925	225,599
Total	159,154	161,309	196,815	265,180	294,412	308,888	276,671	232,620	160,427	120,242	126,035	164,499	2,466,252

The following tables show the total amount of Domestic Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	416	568	138							386	284	305	2,097
Big Valley	708	595	360	15			14	14	45	71	1,666	608	4,096
Brooks	503	409	280	196	81	136	121	334	267	587	571	514	3,999
Camrose	2,223	2,032	1,333	297	629	412	512	665	1,643	1,791	3,017	4,023	18,577
Carbon	3,142	3,068	1,498	1,031	1,268	229	229	662	1,777	2,588	4,980	5,742	26,214
Castor	858	1,527	482	17	26	34	28	61	228	548	1,415	1,571	6,795
Champion	582	539	471	291	139	206	92	255	223	455	725	494	4,472
Drumheller	22,233	19,966	8,860	7,037	6,109	3,163	3,610	8,816	13,353	18,933	34,894	39,066	186,040
Edmonton	28,421	23,680	11,938	5,377	3,502	2,586	1,421	3,342	13,933	17,776	33,948	42,112	188,036
Gleichen	187	201	115	107	65	58	51	61	133	245	331	226	1,780
Halcourt	67	62	44					14	12	40	82	143	464
Lethbridge	11,826	9,261	6,618	5,330	3,627	3,873	4,531	3,707	7,586	8,261	14,187	17,166	97,973
Magrath	40	23	16	8	8	3	3	2	10	17	40	55	225
Milk River	169	162	105	85	37	54	80	164	192	181	239	232	1,700
Pakowki	69	33	40	33	9	4	9	60	35	112	75	78	557
Pembina	2,436	1,805	595	401	739	442	645	841	2,345	2,607	4,236	4,766	21,858
Redcliff	72		35		35		67		77	235	374	877	1,772
Sheerness	582	349	255	153	63	79	56	326	119	230	933	534	3,679
Taber	1,240	523	725	513	201	462	319	406	354	1,086	2,741	3,143	11,713
Tofield	1,881	1,538	686	405	229	150	150	150	580	1,277	3,617	4,686	15,349
Wetaskiwin	50	50									22	30	152
Total	77,705	66,391	34,594	21,296	16,767	11,891	11,938	21,880	42,912	57,426	108,377	126,371	597,548

MINE RUN COAL

Ardley	707	537	286	25	29	5	63	15	139	147	473	782	3,208
Big Valley	759	676	514	230	131	124	83	171	427	519	270	1,182	5,086
Camrose	603	264	306	353	511	556	127	109	117	212	416	466	4,040
Carbon	839	735	715	272	320	271	256	405	587	553	1,236	841	7,030
Castor	4,302	3,832	2,727	518	224	235	164	454	987	1,847	5,547	6,727	27,564
Champion	468	178	209	148	80		154	396	273	283	412	533	3,134
Drumheller	923	559	535	544	582	480	158	206	140	269	688	811	5,895
Edmonton	1,814	2,046	7,114	7,905	7,744	8,703	7,917	9,308	3,427	900	1,618	2,402	60,898
Gleichen	323	296	175	56	17	11	15	14	40	65	200	271	1,483
Halcourt	31	40									1		72
Lethbridge	34	27	13	32	6	8	15	15	8	62	51	43	314
Magrath	70	70	39	10	4	2	3	3	7	7	10	13	238
Milk River	50	46	41	22			4						163
Pakowki	72	67	83	16			16	29	74	113	317	130	917
Pembina												72	72
Redcliff	428	253	669	918	465	843	2,008	1,159	653	449	342	955	9,142
Sheerness	1,287	1,562	1,290	544	349	581	411	613	808	1,329	2,748	2,298	13,820
Steveville	56	36	31										123
Taber	628	625	328	100	87	65	180	236	358	332	764	764	4,467
Tofield	1,288	688	913	2,215	2,271	2,199	2,222	2,319	2,174	2,289	3,172	3,097	24,847
Whitecourt	23	14	6										43
No Area												31	31
Total	14,705	12,551	15,994	13,908	12,820	14,083	13,796	15,452	10,219	9,376	12,865	21,418	172,587

NUT COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley										68	66	34	168
Big Valley	1,220	905	1,499								442	511	4,577
Camrose	1,772	1,412	1,181	557	463	329	279	563	1,279	1,344	2,016	2,505	13,700
Carbon	1,213	1,656	1,788	961	858	746	492	493	862	1,639	2,894	2,950	16,552
Castor	5	195	28	10							5	10	253
Champion	70	47	55	50	25	94	3	5	6	5	15	20	395
Drumheller	4,905	4,547	2,839	1,348	1,849	877	701	3,454	4,794	6,045	9,614	8,734	49,707
Edmonton	16,147	13,569	11,620	7,648	4,913	3,228	1,891	2,728	9,240	11,293	18,789	18,948	120,015
Gleichen				1				1	1			1	4
Lethbridge	3,979	3,114	2,479	2,261	1,598	1,757	2,566	3,322	3,311	4,149	6,655	6,548	41,739
Pembina	2,083	1,913	3 064	3,178	2,233	1,204	1,408	973	932	1,183	1,952	883	21,006
Redcliff										5	42	20	67
Sheerness	289	223	79	31	25	71	30	54	118	326	307	262	1,815
Taber	233	78	153	115	181	50	130	241	131	345	677	794	3,128
Tofield		63	48	14							46		171
Wetaskiwin	14	12									6	10	42
Whitecourt												63	63
Total	31,930	27,734	24,833	16,174	12,145	8,356	7,500	11,834	20,674	26,404	43,526	42,293	273,402

SLACK COAL

Ardley	30	30	18	3	4		11		22	95	150	174	537
Big Valley	41	59	31										131
Camrose	752	633	336	138	70	136	33	164	288	522	803	1,443	5,318
Carbon	577	702	497	369	235	200	49	156	664	663	1,082	1,221	6,415
Castor	5												18
Champion	2		2										4
Drumheller	11,599	10,655	3,970	4,124	2,698	2,243	2,204	5,409	7,791	7,345	14,994	14,194	87,226
Edmonton	12,035	9,739	5,847	3,673	3,141	2,307	1,308	1,592	7,374	10,310	16,300	20,095	93,721
Halcourt	8	13	8					3	2	8	12	12	66
Lethbridge	4,516	2,667	4,950	1,947	1,161	1,208	1,612	2,099	2,725	4,296	4,616	4,485	36,282
Pakowki	5	4	6	6	2	1	2	7	8	22	20	19	102
Pembina	3,866	3,485	3,375	2,377	2,615	576	996	1,127	2,805	3,949	4,071	4,547	33,789
Redcliff										19	66	56	141
Taber	7	4	176	65	50	204	489	154	47	441	246	353	2,236
Tofield	77	112	134	119	184	131	158	166	161	307	214	286	2,049
Whitecourt												4	4
Total	33,520	28,103	19,350	12,821	10,160	7,006	6,862	10,877	21,887	27,977	42,587	46,889	268,039

The following tables show the total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Coalspur	879	537	272	205	30	81	222	618	2,102	654	1,614	2,030	9,244
Pincher	74	27	10			20	15	10	55	139	214	164	728
Saunders	1,126	1,147	258	63	252	144	283	527	1,159	1,447	2,064	1,936	10,406
Total	2,079	1,711	540	268	282	245	520	1,155	3,316	2,240	3,892	4,130	20,378

MINE-RUN COAL

Coalspur	368	141	55	52	35	800	1,957	1,336	69	185	274	219	5,491
Pekisko	886	936	621	245	113	256	232	126	149	308	204	161	4,237
Pincher	114	38	85	83	47	22	11	15	9		3	97	524
Saunders	232	97	129	242	164	130	19	158	142	157	98	151	1,719
Total	1,600	1,212	890	622	359	1,208	2,219	1,635	369	650	579	628	11,971

NUT COAL

Coalspur	22	85	5	50	37	136	42	239	297	72	349	145	1,479
Pincher	7	12	7										26
Saunders	385	485	137	187	108	166	207	308	887	1,051	792	755	5,468
Total	414	582	149	237	145	302	249	547	1,184	1,123	1,141	900	6,973

SLACK COAL

Coalspur	752	860	106	35		2,782	1,881	2,153	3,609	490	1,080	1,217	14,965
Pincher	10					33			43	123	107	62	378
Saunders	965	1,098	87	34	32	89	261	587	1,164	628	858	959	6,762
Total	1,727	1,958	193	69	32	2,904	2,142	2,740	4,816	1,241	2,045	2,238	22,105

The following tables show the total amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	194	119	138	112	98	34	22	25	59	154	104	305	1,364
Crow's Nest	388	437	60	204	130	88	50	177	211	414	626	584	3,369
Mountain Park	143	94	119	95	33	64	42	25	105	123	163	158	1,164
Total	725	650	317	411	261	186	114	227	375	691	893	1,049	5,897

MINE-RUN COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Brule	102	86	57	38	33	16	19	10	39	57	130	115	702
Cascade	283	196	227	128	226	264	174	171	477	367	299	128	2,940
Crow's Nest	3,594	3,281	2,548	1,837	1,174	1,460	883	2,913	6,450	5,619	5,988	6,197	41,944
Mountain Park	5,207	6,211	4,571	3,451	2,767	2,531	3,624	2,666	2,763	2,912	3,538	4,833	45,074
Nordegg	145	134	138	143	165	14	51	43	100	211	780	808	2,732
Total	9,331	9,908	7,541	5,597	4,365	4,285	4,751	5,803	9,829	9,166	10,735	12,081	93,392

NUT COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest	51	60	49		37	193		148	175	138		48	899
Mountain Park								1					1
Total	51	60	49		37	193		149	175	138		48	900

SLACK COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade				45	83	190	84	178	138	185	138	285	1,276
Crow's Nest	2,085	1,687	2,650	3,296	3,460	3,077	3,219	4,161	3,210	3,529	1,806	1,441	33,621
Total	2,085	1,687	2,650	3,341	3,543	3,267	3,303	4,339	3,348	3,714	1,944	1,676	34,897

The following tables show the amount of Domestic Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Camrose	32	65					33		31	32			193
Carbon				38	35				33	32	67	32	237
Drumheller	4,703	2,229	1,730	658	493	271	262	948	3,191	4,966	4,288	5,390	29,129
Edmonton	89									30	31	63	213
Lethbridge	3,737	1,968	1,399	995	821	411	913	1,865	3,149	3,153	2,409	3,116	23,936
Pembina	778	924	414	104	64		549	145	853	728	938	1,053	6,550
Redcliff										32			32
Taber	124	122		47	44		102		67	124	34	176	840
Total	9,463	5,308	3,543	1,842	1,457	682	1,859	2,958	7,324	9,097	7,767	9,830	61,130

MINE-RUN COAL

Drumheller					28	32	33	31					124

NUT COAL

Carbon		69		34	35				32		146	82	398
Drumheller	1,054	1,018	621	528	63	166	129	343	1,316	1,960	2,000	2,045	10,861
Lethbridge	1,268	1,428	1,004	146	438	260	560	813	2,014	2,061	1,789	2,085	14,248
Pembina	1,670	1,117	1,810	1,557	954	489	279	426	1,234	1,285	1,986	1,899	14,706
Taber	78						22			67	132	132	431
Total	4,070	3,632	3,435	2,265	1,490	915	990	1,582	4,596	5,373	6,053	6,243	40,644

SLACK COAL

Drumheller										546			546
Lethbridge	100			33									133
Total	100			33						546			679

The following tables show the total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	2,466	1,826	744	743	488	145	778	467	1,806	1,965	2,650	2,855	16,933
Saunders		45					83	154	133	101	141	33	690
Total	2,466	1,871	744	743	488	145	861	621	1,939	2,066	2,791	2,888	17,623

MINE-RUN COAL

Coalspur	546	192	132		85	41	106	81	20		30	125	1,358

NUT COAL

Coalspur	1,946	1,340	145	362	730	440	1,146	252	1,966	1,951	1,725	1,764	13,767

SLACK COAL

Coalspur	99	180									77		356

The following tables show the total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Cascade									45	76		44	165
Crow's Nest	359	191	65				70	393	435	620	701	794	3,628
Mountain Park									33		35		68
Total	359	191	65				70	393	513	696	736	838	3,861

MINE-RUN COAL

Brule												2	2
Cascade				50		97	704	559	1,053	117		827	3,407
Crow's Nest	1,056	478	600	221	179	213	176	559	587	778	1,239	1,032	7,118
Mountain Park		33			34	101	347	376	101		66	309	1,367
Total	1,056	511	600	271	213	411	1,227	1,494	1,741	895	1,305	2,170	11,894

NUT COAL

Crow's Nest	113	34	35	68	67		33			146	128	79	703

SLACK COAL

Cascade								19					19
Crow's Nest	3,011	3,059	1,992	1,673	1,180	2,889	2,771	1,100	1,578	4,335	5,109	6,173	34,870
Total	3,011	3,059	1,992	1,673	1,180	2,889	2,771	1,119	1,578	4,335	5,109	6,173	34,889

The following tables show the total amount of Domestic Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley										99	469	431	999
Big Valley	32												32
Camrose	325	506	306	135		124	66	502	320	473	326	769	3,852
Carbon	412	512	505	72	376			204	503	572	653	1,458	5,267
Drumheller	58,039	59,340	23,913	9,874	9,770	6,259	9,593	29,649	49,683	74,653	109,131	115,752	555,656
Edmonton	2,212	1,788	351	33	1,172	542	105	513	1,178	1,714	2,649	4,442	16,699
Lethbridge	28,046	24,121	15,264	8,803	5,428	11,090	19,307	28,389	25,144	34,049	33,591	34,007	267,239
Pembina	1,690	918	2,325	40	1,828	1,068	683	148	511	633	917	1,184	11,945
Redcliff	977	752	303	150	107	65			402	624	375	801	4,556
Sheerness	161	86	29									450	726
Taber	1,686	549	112	78	223	78	3,136	640	866	2,403	3,184	4,111	17,066
Tofield	1,997	873	219		71	32	81	575	1,515	6,480	7,962	7,743	27,548
Total	95,577	89,445	43,327	19,185	18,975	19,258	32,971	60,620	80,122	121,700	159,257	171,148	911,585

MINE-RUN COAL

Camrose	489	302	348		41			99	175	346	200	32	2,032
Carbon											70		70
Castor											44		44
Drumheller	93	72	332	725	162	446	280	65	31	33	33	65	2,337
Edmonton		103	132	264	258	237	210	33		67			1,304
Redcliff	1,390	1,363	1,183	1,527	874	511	263	268	731	737	600	1,146	10,593
Sheerness	319	349	413	290	273	63	183	165	173	159	390	525	3,302
Tofield	3,174	2,520	2,103	2,051	2,914	2,335	3,381	2,801	3,693	3,466	5,077	4,872	38,387
Total	5,465	4,709	4,511	4,857	4,522	3,592	4,317	3,431	4,803	4,808	6,414	6,640	58,069

NUT COAL

Ardley											66	65	131
Big Valley	500		281								172	139	1,092
Camrose	275	234	115						164	65	185	413	1,451
Carbon	1,255	1,826	538	211	279			72	227	191	185	359	5,143
Drumheller	10,009	10,932	5,357	3,181	3,034	998	1,857	5,843	8,652	9,638	15,487	18,594	93,582
Edmonton	435	248	159	65	124	65	93	164	661	1,155	2,211	3,492	8,873
Lethbridge	7,093	5,327	3,535	2,096	1,153	2,227	4,271	7,243	5,015	7,614	8,900	10,676	65,150
Pembina	2,355	3,608	3,537	180	665	412	390	238	1,813	2,098	2,655	3,569	21,520
Redcliff												65	65
Sheerness	33									32	77	65	207
Taber	64	316	68			33	531	408	105	413	643	1,014	3,595
Total	22,019	22,492	13,590	5,733	5,255	3,735	7,142	13,968	16,637	21,206	30,581	38,451	200,809

SLACK COAL

Ardley												29	29
Camrose	181	298	211	103	163	158	161	174	276	280	214	492	2,711
Carbon	43			36	73	25		33	140		238		588
Drumheller	6,481	6,952	4,204	1,928	2,701	1,426	1,323	2,755	4,223	7,411	7,561	14,373	61,338
Edmonton									33				33
Lethbridge	1,926	2,441	2,381	2,307	1,085	1,428	3,339	2,357	339	740	1,301	1,530	21,174
Pembina		268	276	863	1,070	904	866	947	521	134	264	208	6,321
Redcliff	83	41								121		41	286
Taber			100				251	99	90	43	190	466	1,239
Tofield				1,413	410	577	632	430	360	425	31	32	4,310
Total	8,714	10,000	7,172	6,650	5,502	4,518	6,572	6,795	5,982	9,154	9,799	17,171	98,029

The following tables show the total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	2,575	1,599	215	33	533	290	1,430	1,646	2,507	2,779	5,868	6,482	28,766
Saunders	2,528	2,049	286	65	245	307	470	4,455	3,179	3,197	4,415	4,193	22,580
Total	5,103	3,648	501	98	778	597	1,900	6,101	5,686	5,976	10,283	10,675	51,346

MINE-RUN COAL

Coalspur	73												73

NUT COAL

Coalspur	276	244	40		68	235	129	258	377	458	760	1,149	4,284
Saunders	298	35	58		234	204	63	548	247	822	1,045	1,089	4,353
Total	574	279	98		302	439	192	806	624	1,280	1,805	2,238	8,637

SLACK COAL

Coalspur	659	413	352	316	636	195	277	533	316	562	289	811	5,167
Saunders	1,201	1,184	109		140	130	279	361	428	885	1,146	1,186	7,221
Total	1,860	1,597	441	316	776	325	556	894	744	1,447	1,435	1,997	12,388

The following tables show the total amount of Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Cascade								109	66				175
Crow's Nest	777	1,095	375	127	1,070	871	717	1,577	1,936	1,487	1,604	1,432	13,068
Mountain Park						32			33			137	202
Total	777	1,095	375	127	1,070	903	717	1,686	2,035	1,487	1,604	1,569	13,445

MINE-RUN COAL

Cascade	47	160	37	98	44	91	34	230	306	287	190	184	1,708
Crow's Nest	3,461	3,760	2,627	1,129	603	316	1,439	3,612	5,587	3,424	4,796	6,564	37,318
Mountain Park	777	486	325	201	103	143	184	408	1,409	782	762	841	6,421
Total	4,285	4,406	2,989	1,428	750	550	1,657	4,250	7,302	4,493	5,748	7,589	45,447

NUT COAL

Crow's Nest	239	188	65	216	153	619	355	782	529	595	181	620	4,542

SLACK COAL

Cascade		158											158
Crow's Nest	2,403	1,186	1,572	942	1,633	2,637	1,933	2,015	1,629	2,054	2,522	2,850	23,376
Total	2,403	1,344	1,572	942	1,633	2,637	1,933	2,015	1,629	2,054	2,522	2,850	23,534

The following tables show the total amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	30									33		167	230
Big Valley												163	163
Camrose	76	35						33	33				177
Carbon	1,230	1,645	744	614	219		33	310	951	1,647	1,527	1,860	10,780
Drumheller	36,216	30,590	8,255	3,201	2,296	1,528	3,055	8,350	25,029	45,984	46,438	49,006	259,948
Edmonton	1,030	31	68	97	1,033	96	161	197	220	372	1,101	1,206	5,612
Lethbridge	3,924	2,536	717	2,516	2,200	1,541	3,179	2,913	2,180	3,655	2,697	4,289	32,347
Pembina	1,404	921	361	200		181	293	584	1,592	2,236	2,699	2,130	12,601
Redcliff	37	35					33			252	97	136	590
Taber	2,106	1,435	68	47		68	245	970	987	1,363	1,050	1,430	9,769
Tofield								156	319	936	1,636	1,506	4,553
Total	46,053	37,228	10,213	6,675	5,748	3,414	6,999	13,513	31,311	56,478	57,245	61,893	336,770

MINE-RUN COAL

Carbon									101				101
Drumheller	64	60			128	266	161	66					745
Redcliff									46				46
Tofield	3,949	3,707	3,542	3,511	1,262	616	1,792	2,268	1,625	3,036	3,987	3,246	32,541
Total	4,013	3,767	3,542	3,511	1,390	882	1,953	2,334	1,772	3,036	3,987	3,246	33,433

NUT COAL

Big Valley												36	36
Carbon	924	880	132	242	243	33		238	580	1,015	1,164	1,312	6,763
Drumheller	6,104	4,931	1,353	370	258	327	529	1,741	6,144	10,069	10,496	11,547	53,869
Edmonton	60	125							94	226	192	97	794
Lethbridge	719	570	98	100	71	33	376	386	406	754	716	708	4,937
Pembina	1,558	1,087	459	337	483	165	319	603	1,046	1,992	1,826	1,899	11,774
Sheerness												32	32
Taber	145	177					197	168	229	337	510	615	2,378
Total	9,510	7,770	2,042	1,049	1,055	558	1,421	3,136	8,499	14,393	14,904	16,246	80,583

SLACK COAL

Carbon									38			86	124
Drumheller	324	204					60	39		310	522	996	2,455
Lethbridge	145	369							923		207		1,644
Pembina											39		39
Taber	482	345							106		50		983
Total	951	918					60	39	1,067	310	818	1,082	5,245

The following tables show the total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	6,791	3,964	369	74	239	641	2,235	3,852	4,434	5,913	6,091	7,989	42,646
Saunders	2,253	1,430	192	35	33		207	1,135	1,397	2,781	1,631	1,837	12,931
Total	9,044	5,394	561	109	326	641	2,442	4,987	5,831	8,694	7,722	9,826	55,577

MINE-RUN COAL

Coalspur										32		30	62
Saunders	34			48									82
Total	34			48						32		30	144

NUT COAL

Coalspur	869	473			249	464	625	2,269	230	1,651	1,469	1,667	9,966
Saunders	171	392	48		63		31	139	97	227	188	191	1,547
Total	1,040	865	48		312	464	656	2,408	327	1,878	1,657	1,858	11,513

SLACK COAL

Coalspur	1,289	739	343	344	688		145	485	73	569	1,131	2,019	7,935
Saunders	138	276							33	418	130		995
Total	1,427	1,015	353	344	688		145	485	106	987	1,261	2,019	8,830

The following tables show the total amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Cascade	41	25							45		48	46	205
Crow's Nest	586	513	175	161	526	575	1,267	999	500	322	653	318	6,595
Total	627	538	175	161	526	575	1,267	999	545	322	701	364	6,800

MINE-RUN COAL

Crow's Nest	981	2,275	617	952	424	463	590	523	854	982	1,674	1,644	11,979
Mountain Park	35		34			34		83	168		49	35	438
Total	1,016	2,275	651	952	424	497	590	606	1,022	982	1,723	1,679	12,417

SLACK COAL

Crow's Nest	45	33				35	1			31	54		199

NUT COAL

Cascade				45			45						90
Crow's Nest	3,243	3,318	2,896	2,489	4,231	4,667	4,778	5,897	5,001	6,647	9,310	8,464	60,941
Total	3,243	3,318	2,896	2,534	4,231	4,667	4,823	5,897	5,001	6,647	9,310	8,464	61,031

The following tables show the total amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Camrose								33	32			31	96
Carbon										110			110
Drumheller	737	310	30	63	65		34	204	782	1,315	432	569	4,541
Lethbridge	240	152		467			67	64		156	105	193	1,408
Pembina	70	33		35						37	69	165	409
Taber	68	152	67	38		33	90		34	68	110	410	1,070
Total	1,079	647	97	603	65	33	191	301	848	1,686	716	1,368	7,634

NUT COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Big Valley	318	1,469	499										2,286
Camrose		228											228
Carbon	517		35		35			36	80	142	70	77	992
Drumheller	713	1,087	32		34		32	63	284	809	636	396	4,086
Edmonton	508	31							31		40		610
Lethbridge	47					33			33	48	47	33	241
Pembina	71	70		34	706	16		1,110	38	63	100	100	2,308
Taber	33	35					31		33	133	66		331
Total	2,207	2,920	566	34	775	49	63	1,209	499	1,195	959	606	11,082

SLACK COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Drumheller	275								1,271	390	148		2,084

The following tables show the total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Coalspur	83	34				147	43	75	83	82	97	31	675
Saunders	188	41	71		32	109	186	61	33		66	186	973
Total	271	75	71		32	256	229	136	116	82	163	217	1,648

NUT COAL

Saunders	232												232

The following tables show the total amount of Domestic Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Camrose	66	41						43			32	30	212
Carbon					42								42
Drumheller	578	33	69	100	65	35	33	132	445	628	499	459	3,076
Lethbridge	305	47	90	172	99	94		159	342	265	192	205	1,970
Taber	479	357	135	92					123	279	165	204	1,834
Total	1,428	478	294	364	206	129	33	334	910	1,172	888	898	7,134

MINE-RUN COAL

Redcliff									120				120

NUT COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Drumheller	102	141	101	68	34	32	34	33	293	719	490	867	2,914
Lethbridge	1,375	715	452	164	34	277	749	718	1,653	1,925	2,168	1,428	11,658
Redcliff										104	101	107	312
Taber	851	449		32				34	407	911	1,784	1,672	6,140
Total	2,328	1,305	553	264	68	309	783	785	2,353	3,659	4,543	4,074	21,024

SLACK COAL

Drumheller	46	44											90

The following tables show the total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Coalspur										32			32
Pincher		33						24	32				89
Total		33						24	32	32			121

MINE-RUN COAL

Pincher				33								62	95

SLACK COAL

Pincher	60	80		60				24			60		284

NUT COAL

Coalspur									35				35

The following tables show the total amount of Bituminous Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Crow's Nest	46	141	100			569	285	308	34	144	180	190	1,997

MINE-RUN COAL

Crow's Nest	483	322	166	80	151	321	162	117	33	50	334	453	2,672

SLACK COAL

Crow's Nest	1,226	1,316	808	629	560	298	407	599	1,406	897	1,955	1,487	11,588

The following tables show the total amount of Coal used under Colliery Boilers by areas during each month:

DOMESTIC COAL

Ardley	90	90	10							45	84	75	394
Big Valley	364	330	300	115	148	136	135	144	200	245	258	254	2,629
Brooks			2										2
Camrose	129	126	73	44	32	32	32	48	95	97	113	111	932
Carbon	410	419	395	288	282	222	197	218	295	306	397	344	3,773
Drumheller	3,875	3,419	2,115	1,245	1,846	1,025	1,090	1,270	2,055	3,239	3,542	3,398	28,119
Edmonton	1,506	1,483	1,161	1,269	1,154	1,138	807	1,142	1,174	1,016	1,541	1,516	14,907
Lethbridge	5,629	5,165	4,872	4,298	3,832	3,400	3,456	4,485	4,824	5,543	5,839	6,167	57,510
Pembina	1,185	1,045	1,079	937	1,014	641	907	370	1,058	1,065	1,226	1,350	11,877
Redcliff	33	47	35										115
Sheerness	178	180	194	153	158	213	168	172	174	171	188	184	2,133
Taber	467	481	175	150	139	178	440	300	340	420	500	568	4,158
Tofield	150	150	150	150	350	350	350	350	150	150	150	150	2,600
Total	14,016	12,935	10,561	8,649	8,955	7,335	7,582	8,499	10,365	12,297	13,838	14,117	129,149

SUB-BITUMINOUS COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	1,677	1,509	1,190	760	1,048	886	817	795	913	934	1,471	1,603	13,603
Pekisko	30	20	10	15									75
Pincher	6	5	3					10			5		29
Saunders	697	581	235	116	255	156	316	494	637	744	878	971	6,080
Total	2,410	2,115	1,438	891	1,303	1,042	1,133	1,299	1,550	1,678	2,354	2,574	19,787

BITUMINOUS

Brule	1,016	911	998	966	950	945	1,098	980	959	1,008	982	1,020	11,833
Cascade	1,554	1,410	1,355	1,398	1,312	1,485	1,445	1,610	1,504	1,484	1,510	2,072	18,139
Crow's Nest	3,334	2,725	4,399	3,195	3,096	4,045	3,202	2,978	2,312	2,466	3,093	3,487	38,332
Mountain Park	1,920	1,828	2,019	1,896	1,822	1,808	1,792	1,880	1,892	1,987	2,142	2,231	23,217
Nordegg	760	520	630	583	650	662	620	641	633	712	778	919	8,108
Total	8,584	7,394	9,401	8,038	7,830	8,945	8,157	8,089	7,300	7,657	8,505	9,729	99,629

The following tables show the total amount of Coal disposed of by Colliery Railroads during each month by areas:

DOMESTIC COAL

Lethbridge	69	48		32	20	42	67	69	76	104	100	100	727
Redcliff				59	33	30	51	12				42	227
Taber			19	40	20	20					20	34	153
Total	69	48	19	131	73	92	118	81	76	104	120	176	1,107

SUB-BITUMINOUS COAL

Coalspur	575	585	600	570	520	360	150	150	150	140	320	360	4,480

BITUMINOUS

Brule	125	115	115	115	125	125	120	100	120	125	125	120	1,430
Cascade	36	42	45	60	66	66	58	65	47	42	42	66	635
Crow's Nest	25	35	55	60	50	71	62	42	45	37	49	81	612
Total	186	192	215	235	241	262	240	207	212	204	216	267	2,677

The following table shows the total amount of BITUMINOUS Coal used making Briquettes by areas during each month:

Cascade	1,556	826	768	491	945	257	256	526	2,301	2,012	3,386	5,722	19,046

The following table shows the total amount of BITUMINOUS Coal used making Coke by areas during each month:

Crow's Nest		58	43							137	49		287

The following tables show the total amount of Coal Put to Stock by areas during each month:

SUB-BITUMINOUS COAL

Coalspur	25	395	192		110		65	55	40	76	994	719	2,671
Pincher		10			5		5	5		30			55
Saunders	37			248	137	132	191	81	254	297	89	149	1,615
Total	62	405	192	248	252	132	261	141	294	403	1,083	868	4,341

BITUMINOUS

Cascade	260	195	120	70	85	85	106	162	230	185	225	60	1,783
Crow's Nest	3,545	209		1,174		52	2,032	801			1,210		9,023
Mountain Park	888	17									43	259	1,207
Nordegg				300			521				143	35	999
Total	4,693	421	120	1,544	85	137	2,659	963	230	185	1,621	354	13,012

DOMESTIC COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Camrose								3					3
Carbon	150	75	100	220				195	37	60		195	1,032
Castor		20											20
Drumheller	260	205	30		150			142	230	281	1,195	1,250	3,743
Edmonton	30	33						10				22	95
Halcourt								5					5
Lethbridge	3,018	1,220	566	190	110	144	326	680	3,127	5,003	1,852	2,459	18,695
Pakowki			15										15
Pembina	275	145	125	180	246	140	313	185	167	517	310	271	2,874
Taber				85	130				26	37	47		325
Total	3,733	1,698	836	675	636	284	639	1,220	3,587	5,898	3,404	4,197	26,807

The following tables show the total amount of Coal Put to Waste by areas during each month:

DOMESTIC COAL

Ardley	87	106									4	112	309
Big Valley	15	17	5				1	1	2	2	4	5	52
Camrose	51	30	27						2		10	14	134
Carbon	208	205	48	15	6	11	10	19	116	42	87	90	857
Castor	322	377	145	49	33	20	11	34	81	125	239	353	1,789
Champion	5	2	1						2	10	15	14	49
Drumheller	2,058	1,297	87	28	24	17	5	301	458	3,615	5,151	5,210	18,251
Edmonton	303	160	180	62				2	10	63	291	374	1,446
Gleichen											10		10
Halcourt								2					2
Lethbridge	1,846	1,332	831	576	157	457	1,200	1,400	1,469	2,335	2,855	2,900	17,358
Milk River	14	17	5	10	5	9	12	30	34	29	34	25	224
Pakowki	15	11	38	2			4	16	19	35	50	20	210
Pembina	61	53	58	19	26	12	18	14	53	80	112	126	632
Redcliff	200		140	150	76		80			136	76	197	1,055
Sheerness	104	63	56	37	14	19	20	20	23	44	179	206	785
Taber	90	69	52	41	25	74	44	60	47	84	120	95	801
Tofield												20	20
Wetaskiwin	25	20									10	10	65
No Area												80	80
Total	5,404	3,759	1,673	989	366	619	1,405	1,899	2,316	6,600	9,247	9,852	44,129

SUB-BITUMINOUS COAL

Coalspur	6,815	5,568	3,744	3,437	4,686	2,628	60	243	37	913	2,244	2,159	32,534
Pincher	10	5											15
Total	6,825	5,573	3,744	3,437	4,686	2,628	60	243	37	913	2,244	2,159	32,549

BITUMINOUS

Crow's Nest	1,586	1,768	2,285	4,205	4,526	3,993	3,462	2,593	1,320	601	1,523	1,434	29,296

The following tables show the total amount of Coal Lifted from Stoc k by areas during each month:

DOMESTIC COAL

Camrose	90				33	47							170
Carbon	240	150	75	100	220				335	37	60		1,217
Drumheller	330	60	125	310	1,095	520			142	230	281	445	3,538
Lethbridge	579	2,921	6,388	3,747	2,991	1,075	848	326	680	1,294	480	215	21,544
Pembina	291	275	145	125	180	246	140	313	185	167	517	310	2,894
Taber	14					188							202
Halcourt								5					5
Total	1,544	3,406	6,733	4,282	4,519	2,076	988	644	1,342	1,728	1,338	970	29,570

SUB-BITUMINOUS COAL

Coalspur	85	25	395		262	1,014		65	1,312	40	76	30	3,304
Pincher											50		50
Saunders	114	37			248	137	132	191	81	254	297	89	1,580
Total	199	62	395		510	1,151	132	256	1,393	294	423	119	4,934

BITUMINOUS

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Brule										1,400			1,400
Cascade	200	260	195	120	70	85	85	106	162	230	185	225	1,923
Crow's Nest		543	2,492		2,788	339		877	2,498	745		748	11,030
Mountain Park	229	192	6	77	38	92	8	69					711
Nordegg					300			521					821
Total	429	995	2,693	197	3,196	516	93	1,573	2,660	2,375	185	973	15,885

The following table shows the total amount of DOMESTIC Coal Lifted from Waste by areas during each month:

Drumheller		250	50		1,540		329						2,169
Taber			100				26						126
Total		250	150		1,540		355						2,295

OUTPUTS AND NUMBER OF MINES PRODUCING

Kind of Coal	Under 1,000 tons		From 1,000 to 5,000		From 5,000 to 10,000		From 10,000 to 50,000		From 50,000 to 100,000		From 100,000 to 200,000		From 200,000 to 300,000		From 300,000 to 400,000		Over 400,000 tons		Total	
	No.	Output.	No.	Output.	No.	Output.	No.	Output.	No.	Output.	No.	Output.	No.	Output.	No.	Output.	No.	Output.	No.	Output.
Domestic	163	51,734	58	114,879	11	81,054	20	440,229	16	1,213,269	7	846,211	1	274,148	1	335,647			277	3,357,171
Sub-Bituminous	13	2,863	5	7,770	1	5,629	4	122,057	2	152,287	2	304,584							27	595,190
Bituminous	8	1,532	1	3,079	1	8,099					2	293,722	6	1,574,544	2	627,231	1	476,212	21	2,984,419
Total	184	56,128	64	125,728	13	94,782	24	562,286	18	1,365,556	11	1,444,517	7	1,848,692	3	962,878	1	476,212	325	6,936,780

Men employed in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS COAL Fields as at December 31, 1927.

	BELOW GROUND												ABOVE GROUND											
	Officials	Hand Cutters	Machine Cutters	Machine Loaders	Horse H'l'ge Employees	Mechanical H'l'ge Emp's	Ventilation Employees	Roadmakers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	Total Above and Below Ground
Domestic	222	887	511	2,715	582	149	44	158	204	25	169	5,666	88	101	524	106	61	35	35	52	37	368	1,408	7,074
Sub-Bituminous	23	164	25	190	39	22	4	5	35		20	527	17	23	55	36	25	15	19	14	5	217	426	953
Bituminous	148	1,471			200	200	54	65	176	18	331	2,663	21	115	193	42	54	26	27	37	37	397	949	3,612
Total	393	2,522	536	2,905	821	371	102	228	415	43	520	8,856	126	239	772	184	140	76	82	103	79	982	2,783	11,639

Men employed in the DOMESTIC Coal Field as at December 31, 1927.

Area	BELOW GROUND												ABOVE GROUND												Total Above and Below Ground
	Officials	Hand Cutters	Mac.-Cutters and Helpers	Machine Loaders	Horse H'l'ge Employees	Mechanical H'l'ge Emp's	Ventilation Employees	Roadmakers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground		
Ardley	4	15	6	11	1							37	1	1	3	1					1	2	9	46	
Big Valley	1	8	2	18	1		1	1				32	1	1	1	3				1	1	5	13	45	
Brooks		7										7	1			1					1		3	10	
Camrose	3	71			5				1		7	87	6	3	6	3					1	7	26	113	
Carbon	12	100	7	51	26	2		1	1	2		202	6	2	13	3	2	1	3	1	4	13	48	250	
Castor	17	110				2						129	5		2	1					6	2	16	145	
Champion	4	25										29	1	1							2		4	33	
Drumheller	81	79	202	1,564	340	40	15	102	53	6	47	2,529	21	40	231	35	16	12	14	17	8	102	496	3,025	
Edmonton	31	265	42	321	58	11	7	25	46	8	36	850	15	16	51	15	7	3	6	7	3	52	175	1,025	
Gleichen		13										13	3										3	16	
Halcourt		3										3												3	
Lethbridge	46	89	210	498	126	69	16	15	86	7	16	1,178	8	21	113	27	23	15	10	15	6	104	342	1,520	
Magrath		2										2	1										1	3	
Milk River	1	8										9												9	
Pakowki		6										6	1										1	7	
Pembina	7	10	8	86	4	20	2	8	6	2	7	160	5	5	21	7	6	3	1	5		21	74	234	
Redcliff	2		8	43	6	1	1	2	4			67	1		7	1	1			2	2	6	20	87	
Sheerness	3	49										52	3	1		1					2	12	19	71	
Taber	6	13	26	123	15	4	2	4	7		56	256	4	4	2	7	6	1	2	2		25	53	309	
Tofield	2	8										10	5	6	74	1				2		17	105	115	
Wetaskiwin	1	1										2												2	
Whitecourt	1	4										5												5	
No Area		1										1												1	
Total	222	887	511	2,715	582	149	44	158	204	25	169	5,666	88	101	524	106	61	35	36	52	37	368	1,408	7,074	

Men employed in the SUB-BITUMINOUS Coal Field as at December 31, 1927.

Coalspur	13	148	9	91	30	4	3	3	32		19	352	11	20	37	30	19	13	17	10	1	211	369	721
Pekisko	1	3										4	1							1			2	6
Pincher	2	11				1						14	3			1							4	18
Saunders	7	2	16	99	9	17	1	2	3		1	157	2	3	18	5	6	2	2	3	4	6	51	208
Total	23	164	25	190	39	22	4	5	35		20	527	17	23	55	36	25	15	19	14	5	217	426	953

Men employed in the BITUMINOUS Coal Field as at December 31, 1927.

Brule	8	81			11	12	2	5	10	3	12	144	2	23	12	3	7	1	2	4	3	21	78	222
Cascade	18	134			12	32	4	8	10	2	10	230	2	11	30	7	9	5	2	2		19	87	317
Crow's Nest	79	772			54	113	37	26	60	8	232	1,381	12	51	50	17	18	10	9	20	29	204	420	1,801
Mountain Park	32	329			60	20	10	2	60	5	77	595	3	18	85	12	13	7	10	6	2	103	259	854
Nordegg	11	155			63	23	1	24	36			313	2	12	16	3	7	3	4	5	3	50	105	418
Total	148	1,471			200	200	54	65	176	18	331	2,663	21	115	193	42	54	26	27	37	37	397	949	3,612

Men employed above and below ground in the DOMESTIC Coal Field by areas during each month.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Average
Ardley	49	36	32	5	2	1	5	3	6	25	37	46	20
Big Valley	60	61	57	9	7	7	8	17	28	29	44	45	31
Brooks	9	9	6	5	4	4	4	5	5	10	12	10	7
Camrose	132	97	86	41	32	32	37	51	59	67	106	113	71
Carbon	259	226	162	88	87	49	43	112	120	159	239	250	149
Castor	135	124	93	33	18	12	19	28	41	68	139	145	71
Champion	28	24	22	14	13	15	13	13	16	17	25	33	19
Drumheller	2,495	2,315	1,549	838	725	684	921	1,560	2,107	2,542	2,885	3,025	1,804
Edmonton	993	886	630	458	439	411	411	434	601	702	942	1,025	661
Gleichen	15	15	12	5	3	3	2	2	5	7	9	16	8
Halcourt	4	4	3				1	1	1	2	3	3	2
Lethbridge	1,437	1,395	1,288	1,127	838	988	1,112	1,230	1,282	1,366	1,457	1,520	1,253
Magrath	4	4	3	2	2	1	1	1	2	2	3	3	2
Milk River	15	15	9	6	5	5	4	5	7	6	8	9	8
Pakowki	7	7	11	7	3	1	3	5	3	7	7	7	5
Pembina	200	188	183	167	165	157	161	162	180	188	199	234	182
Redcliff	72	80	64	59	48	45	47	56	49	56	61	87	60
Sheerness	56	56	51	33	26	27	26	27	29	38	70	71	42
Steveville	2	1	1			2							1
Taber	227	217	91	57	43	86	185	198	150	170	277	309	167
Tofield	80	76	77	67	106	104	105	107	74	84	116	115	93
Wetaskiwin	5	4									3	2	4
Whitecourt	1	1	1									5	2
No Area												1	1
Total	6,285	5,841	4,431	3,021	2,566	2,634	3,108	4,017	4,765	5,545	6,642	7,074	4,663

Men employed above and below ground in the SUB-BITUMINOUS Coal Field by areas during each month.

Coalspur	633	529	440	403	364	419	442	478	517	618	697	721	522
Pekisko	20	19	16	11	5	6	6	6	4	4	4	6	9
Pincher	16	16	14	11	6	8	12	13	8	8	12	18	12
Saunders	188	167	74	42	49	55	95	123	156	173	207	208	128
Total	859	731	544	467	424	488	555	620	685	803	920	953	671

Men employed above and below ground in the BITUMINOUS Coal Field by areas during each month.

Brule	244	241	221	230	261	254	239	224	239	234	232	222	237
Cascade	320	321	317	327	331	340	329	326	323	313	320	317	324
Crow's Nest	1,810	1,814	1,869	1,890	2,001	2,034	2,044	1,993	1,769	1,453	1,526	1,801	1,833
Mountain Park	822	823	887	913	967	991	1,032	1,017	882	840	846	854	906
Nordegg	457	397	380	319	348	338	353	372	389	406	409	418	382
Total	3,653	3,596	3,674	3,679	3,908	3,957	3,997	3,932	3,602	3,246	3,333	3,612	3,682

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS Coal Fields during each month.

Domestic	6,285	5,841	4,431	3,021	2,566	2,634	3,108	4,017	4,765	5,545	6,642	7,074	4,663
Sub-Bituminous	859	731	544	467	424	488	555	620	685	803	920	953	671
Bituminous	3,653	3,596	3,674	3,679	3,908	3,957	3,997	3,932	3,602	3,246	3,333	3,612	3,682
Total	10,797	10,168	8,649	7,167	6,898	7,079	7,660	8,569	9,052	9,594	10,895	11,639	9,016

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,203,713	7,317	711	5,299	982
1925	5,883,394	8,774	670	6,498	834
1926	6,508,908	8,763	743	6,569	991
1927	6,936,780	9,016	768	6,681	970

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD.

1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,958	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898
1925	3,156,359	4,874	647	3,750	808
1926	3,160,029	4,798	658	3,714	816
1927	3,357,171	4,663	720	3,603	891

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD.

1922	St. Pit.	367,514	217	1,692		
	B. Gr'd.	179,500	403	445	277	648
1923	St. Pit.	288,467	190	1,513		
	B. Gr'd.	174,994	354	494	260	673
1924	St. Pit.	369,724	211	1,752		
	B. Gr'd.	222,222	393	565	278	799
1925	St. Pit.	335,993	162	2,074		
	B. Gr'd.	245,842	461	533	326	754
1926	St. Pit.	258,964	147	1,761		
	Br. Gr'd.	231,407	443	545	305	758
1927	St. Pit.	304,584	193	1,583		
	Br. Gr'd.	290,606	478	608	321	905

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,645	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,636	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,419,021	4,228	809	2,711	1,202
1921	2,897,380	4,133	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,008
1924	1,515,107	2,171	698	1,574	966
1925	2,145,200	3,277	654	2,422	885
1926	2,858,508	3,375	847	2,550	1,121
1927	2,984,419	3,682	810	2,757	1,082

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD.

1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12

The table showing the number of men employed in the Anthracite Coal Field includes employees at the Briquetting plant. There has been no Anthracite Coal produced since 1923.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.

During the year 1924 a strike affecting all the larger mines in the Province lasted for a period of six and a half months.

NOTE.—In calculating the total per capita production for men employed underground, the tonnage mined from stripping pit was deducted and only the tonnage produced from mines was used.

Per Capita Production of Mines by Areas:

DOMESTIC COAL FIELD.

Areas	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
Ardley	8,102	20	405	15	540
Big Valley	20,180	31	651	22	917
Brooks	4,001	7	571	5	800
Camrose	53,486	71	753	54	990
Carbon	91,271	149	612	119	767
Castor	36,483	71	514	64	570
Champion	8,054	19	424	18	447
Drumheller	1,460,655	1,804	809	1,450	1,008
Edmonton	513,256	661	776	540	950
Gleichen	3,277	8	409	7	468
Halcourt	604	2	302	2	302
Lethbridge	695,139	1,253	554	949	732
Magrath	463	2	132	1	463
Milk River	2,087	8	261	8	261
Pakowki	1,801	5	360	4	450
Pembina	177,387	182	974	128	1,385
Redcliff	29,119	60	485	45	647
Sheerness	26,499	42	631	31	854
Steveville	123	1	123	1	123
Taber	72,329	167	433	130	556
Tofield, Underground	4,306	6	717	4	1,076
Tofield, Stripping	148,069	88	1,682		
Wetaskiwin	259	4	65	3	86
Whitecourt	110	2	55	2	55
No Area	111	1	111	1	111
Total	3,357,171	4,663	720	3,603	891

SUB-BITUMINOUS COAL FIELD.

Coalspur, Underground	200,403	329	609	215	932
Coalspur, Stripping	304,584	193	1,583		
Pekisko	4,312	9	479	7	616
Pincher	2,173	12	181	9	241
Saunders	83,718	128	654	90	930
Total	595,190	671	887	321	905

BITUMINOUS COAL FIELD.

Brule	130,611	237	551	156	837
Cascade	290,212	324	895	235	1,235
Crow's Nest	1,443,066	1,833	787	1,417	1,011
Mountain Park	883,913	906	975	663	1,333
Nordegg	236,617	382	619	286	827
Total	2,984,419	3,682	810	2,757	1,082

Number of days in each month on which Coal was drawn, by areas:

DOMESTIC COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	16.40	20.11	12.75	15.00	5.00	2.00	3.50	5.00	13.30	11.20	16.87	21.70	142.83
Big Valley	19.71	17.64	17.75	7.75	8.66	8.00	10.00	12.00	18.00	21.12	21.60	23.00	185.23
Brooks	24.50	16.50	26.00	25.00	23.00	23.00	21.00	26.00	26.00	23.50	26.00	25.00	285.50
Camrose	19.00	16.50	18.14	13.33	13.75	15.75	12.00	18.33	13.40	16.83	21.85	24.16	203.04
Carbon	17.90	18.85	16.33	10.85	14.17	11.41	12.30	15.23	19.38	21.64	23.28	21.15	202.49
Castor	15.54	17.47	15.69	10.69	10.00	12.71	9.55	12.18	17.60	19.19	21.76	22.17	184.55
Champion	19.86	17.28	18.86	17.50	15.66	18.00	16.60	24.25	15.80	19.33	22.50	17.22	222.86
Drumheller	17.29	16.92	10.08	10.11	10.66	7.96	10.29	15.71	15.46	19.92	22.24	23.81	180.45
Edmonton	19.64	17.29	16.00	15.57	16.53	14.23	13.15	13.68	18.95	17.69	23.04	22.44	208.21
Gleichen	20.60	21.00	19.75	19.66	17.00	17.00	20.50	20.50	13.33	20.33	21.66	17.75	229.08
Halcourt	22.00	21.00	17.50					3.00	11.00	14.00	13.00	18.50	120.00
Lethbridge	18.95	15.95	13.16	11.69	7.58	11.75	12.61	16.81	16.65	20.81	20.12	16.95	183.03
Magrath	16.00	17.50	17.50	13.00	13.00	2.00	2.00	5.00	23.00	20.00	23.00	23.00	175.00
Milk River	18.33	13.66	12.80	10.50	7.33	10.00	9.00	12.33	11.33	12.33	19.00	18.66	155.27
Pakowki	10.25	11.25	11.83	8.00	4.00	4.00	8.00	10.00	11.00	13.00	16.75	14.50	122.58
Pembina	19.50	18.50	19.50	14.50	16.75	8.75	8.75	10.75	18.00	23.00	23.50	22.00	203.50
Redcliff	18.00	20.00	12.50	18.50	11.00	11.50	18.00	11.00	14.50	21.50	16.50	20.00	193.00
Sheerness	17.41	17.59	15.81	13.07	10.43	16.41	13.82	18.60	18.66	22.23	22.77	21.25	208.05
Steveville	26.00	26.00	18.00			10.00							80.00
Taber	15.25	13.64	15.07	13.30	10.00	8.00	9.00	10.71	13.11	17.55	17.00	17.25	159.88
Tofield	16.80	18.25	13.25	16.00	23.50	20.50	23.50	25.00	25.50	20.40	24.00	23.40	250.10
Wetaskiwin	15.00	19.00									8.00	23.00	65.00
Whitecourt	20.00	7.00	3.00									25.00	55.00
No Area												26.00	26.00
Average	18.43	17.34	15.51	13.89	12.53	11.65	12.34	14.30	16.70	18.78	20.21	20.40	192.08

SUB-BITUMINOUS COAL

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	20.25	17.83	10.91	12.80	16.40	13.50	13.33	19.50	15.00	16.00	21.71	24.83	202.06
Pekisko	18.60	19.00	15.20	13.00	12.00	17.00	15.50	9.00	14.00	23.00	21.00	16.00	193.30
Pincher	13.50	10.00	9.00	10.33	7.50	9.00	5.00	7.66	15.50	23.50	18.00	17.33	146.32
Saunders	22.00	21.00	5.00	15.00	16.50	12.50	11.66	24.50	25.00	26.00	25.33	26.00	230.49
Total	18.59	16.96	10.03	12.78	13.10	13.00	11.37	15.16	17.37	22.12	21.51	21.04	193.03

BITUMINOUS COAL

Brule	23.00	23.00	24.00	23.00	24.00	25.00	23.00	20.00	25.00	26.00	23.00	24.00	283.00
Cascade	18.00	17.00	20.50	24.50	23.50	24.00	24.50	26.00	21.50	20.50	19.00	22.00	261.00
Crow's Nest	15.00	14.83	16.90	19.09	17.65	22.50	22.66	20.00	15.40	17.54	19.36	19.80	220.73
Mountain Park	24.33	24.00	25.33	23.00	24.00	25.00	22.33	23.00	20.66	21.00	21.66	23.33	277.64
Nordegg	25.00	13.00	14.00	15.00	13.00	14.00	22.00	23.00	25.00	23.00	20.00	25.00	232.00
Total	21.07	18.36	20.15	20.92	20.43	22.10	22.90	22.50	21.51	21.61	20.60	22.83	254.98

Number of days in each month on which Coal was drawn.

Domestic	18.43	17.34	15.51	13.89	12.53	11.65	12.34	14.30	16.70	18.78	20.21	20.40	192.08
Sub-Bituminous	18.59	16.96	10.03	12.78	13.10	13.00	11.37	15.16	17.37	22.12	21.51	21.04	193.03
Bituminous	21.07	18.36	20.15	20.92	20.43	22.10	22.90	22.50	21.51	21.61	20.60	22.83	254.98
Average	19.36	17.55	15.23	15.86	15.35	15.58	15.53	17.32	18.52	21.17	20.77	21.42	213.66

Number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1927.

DOMESTIC COAL FIELD

Areas	January		February		March		April		May		June		Total		Total Above and Below Ground
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	
Ardley	257	556	194	527	118	225	60	37	10			2	639	1,347	1,986
Big Valley	324	871	325	841	303	761	47	76	39	44	27	52	1,065	2,645	3,710
Brooks	74	148	48	138	44	115	35	49	22	35	43	47	266	532	798
Camrose	460	1,516	360	1,173	255	873	181	338	164	345	160	377	1,580	4,622	6,202
Carbon	763	2,818	832	3,021	500	1,713	305	1,104	441	1,113	218	443	3,149	10,212	13,361
Castor	508	1,939	448	1,684	351	978	88	207	42	87	43	93	1,475	4,993	6,468
Champion	92	453	68	352	80	351	52	200	42	168	35	205	369	1,729	2,098
Drumheller	8,609	37,320	8,028	33,709	4,493	14,903	3,208	8,612	3,122	7,807	3,742	7,151	31,202	109,502	140,704
Edmonton	3,518	14,832	2,908	12,103	2,243	8,799	1,538	5,874	1,657	5,591	1,589	4,540	13,453	51,739	65,192
Gleichen	69	255	68	275	54	175	31	75	24	30	26	35	272	845	1,117
Halcourt	11	72	49	47	8	32							68	151	219
Lethbridge	7,874	23,314	6,571	18,154	6,163	12,400	10,057	8,297	4,426	7,820	5,374	10,574	40,465	80,559	121,024
Magrath	14	42	26	55	23	39	6	20	6	20	1	1	76	177	253
Milk River	62	208	40	169	30	102	22	57	7	15	18	35	179	586	765
Pakowki	19	45	18	49	41	79	19	39	5	7	1	3	103	222	325
Pembina	1,543	2,830	1,385	2,357	1,349	2,366	1,073	1,753	1,869	1,138	920	1,100	8,139	11,544	19,683
Redcliff	281	818	349	1,143	239	926	319	691	195	496	167	437	1,550	4,511	6,061
Sheerness	303	654	312	660	304	568	177	238	134	169	175	239	1,405	2,528	3,933
Steveville	10	42	6	20	3	15					5	15	24	92	116
Taber	1,078	2,813	1,288	2,028	351	754	272	482	202	407	226	357	3,417	6,841	10,258
Tofield	1,149	144	966	137	868	100	1,291	6	2,599		2,526		9,399	387	9,786
Wetaskiwin	15	60	20	57									35	117	152
Whitecourt	5	15	2	5	1	2							8	22	30
Total	27,038	91,765	24,306	78,704	17,821	46,276	18,871	28,155	15,006	25,292	15,296	25,711	118,338	295,903	414,241

Number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1927.

DOMESTIC COAL FIELD

Areas	July		August		September		October		November		December		Total		Total Above and Below Ground from July 1 to Dec. 31, 1927	Total Above and Below Ground for Year ending Dec. 31, 1827
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground		
Ardley	12	2	1	4	43	32	156	364	196	529	260	718	668	1,649	2,317	4,303
Big Valley	55	72	120	73	273	215	364	351	370	647	372	706	1,554	2,064	3,618	7,328
Brooks	39	40	36	91	52	71	76	168	78	189	76	165	357	724	1,081	1,879
Camrose	136	365	161	652	283	825	324	1,078	487	1,661	613	2,053	2,004	6,634	8,638	14,840
Carbon	234	409	614	1,434	618	1,937	854	2,872	1,147	4,283	1,178	4,651	4,645	15,586	20,231	33,592
Castor	63	93	73	149	207	465	314	905	554	2,097	596	2,371	1,807	6,080	7,887	14,355
Champion	34	188	48	254	50	175	81	192	117	422	97	438	427	1,669	2,096	4,194
Drumheller	4,197	9,214	5,899	20,405	8,005	29,599	11,168	44,027	12,639	57,019	13,828	63,535	55,736	223,799	279,535	420,239
Edmonton	1,495	4,547	1,589	5,366	2,279	9,197	2,681	10,246	3,599	16,909	4,143	20,425	15,786	66,690	82,476	147,668
Gleichen	9	32	27	39	24	58	33	122	39	180	53	199	185	630	815	1,932
Halcourt			12	4	4	10	4	20	9	35	11	52	40	121	161	380
Lethbridge	6,469	15,612	7,887	19,930	7,676	20,642	10,191	30,668	8,793	25,747	8,892	26,682	49,908	139,281	189,189	310,218
Magrath		2	1	4	3	20	20	20	23	37	23	46	70	129	199	452
Milk River	9	34	13	63	13	72	13	71	35	105	33	107	116	452	568	1,333
Pakowki	12	15	19	27	10	23	32	63	37	61	33	68	143	257	400	725
Pembina	997	1,207	951	1,372	1,290	2,037	1,576	2,852	1,580	3,469	2,011	4,124	8,405	15,061	23,466	43,149
Redcliff	167	698	314	514	559	524	245	718	196	856	328	1,225	1,809	4,535	6,344	12,405
Sheerness	146	223	187	311	221	353	271	525	433	942	493	855	1,751	3,209	4,960	8,893
Steveville													6,542	18,353	24,895	116
Taber	921	1,885	751	1,806	1,043	2,563	1,027	2,859	1,329	3,988	1,471	5,252	13,772	553	14,325	35,153
Tofield	2,434		2,705		1,766		1,930	26	2,456	211	2,481	316	20	50	70	24,111
Wetaskiwin									8	16	12	34	8	76	84	222
Whitecourt											8	76	5	21	26	114
No Area											5	21				26
Total	17,429	34,638	21,408	52,498	24,419	68,818	31,360	98,147	34,125	119,403	37,017	134,119	165,758	507,623	673,381	1,087,622

Number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1927:

SUB-BITUMINOUS COAL FIELD

Areas	January		February		March		April		May		June		Total		Total Above and Below Ground
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	
Coalspur	8,704	5,474	7,533	3,324	7,245	788	6,473	700	6,060	1,643	5,164	2,128	41,179	14,057	55,236
Pekisko	115	306	87	272	72	149	43	70	24	31	35	47	376	875	1,251
Pincher	46	168	43	108	24	64	32	65	21	28	30	20	196	453	649
Saunders	1,152	2,982	1,006	2,477	230	417	261	360	293	440	337	369	3,279	7,045	10,324
Total	10,017	8,930	8,669	6,181	7,571	1,418	6,809	1,195	6,398	2,142	5,566	2,564	45,030	22,430	67,460

BITUMINOUS COAL FIELD

Brule	2,028	4,106	1,890	3,598	2,150	3,716	2,166	3,911	2,092	4,486	2,132	4,900	12,458	24,717	37,175
Cascade	1,757	3,097	1,769	3,411	1,981	3,836	2,389	5,439	2,403	5,465	2,433	5,449	12,732	26,697	39,429
Crow's Nest	9,074	22,505	8,234	22,426	9,174	25,774	10,764	31,530	12,145	35,888	12,956	39,065	62,347	177,188	239,535
Mountain Park	4,580	14,263	4,474	14,981	5,077	16,657	4,884	15,523	5,111	17,094	5,400	17,818	29,526	96,336	125,862
Nordegg	2,944	7,374	2,097	4,125	2,013	3,807	1,883	3,761	1,932	4,147	2,100	4,441	12,969	27,655	40,624
Total	20,383	51,345	18,464	48,541	20,395	53,790	22,086	60,164	23,683	67,080	25,021	71,673	130,032	352,593	482,625

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS FIELDS.

Domestic	27,038	91,765	24,306	78,704	17,821	46,276	18,871	28,155	15,006	25,292	15,296	25,711	118,338	295,903	414,241
Sub-Bituminous	10,017	8,930	8,669	6,181	7,571	1,418	6,809	1,195	6,398	2,142	5,566	2,564	45,030	22,430	67,460
Bituminous	20,383	51,345	18,464	48,541	20,395	53,790	22,086	60,164	23,683	67,080	25,021	71,673	130,032	352,593	482,625
Total	57,438	152,040	51,439	133,426	45,787	101,484	47,766	89,514	45,087	94,514	45,883	99,948	293,400	670,926	964,326

Number of shifts worked above and below ground by areas during each month for the six months ending Dec. 31, 1927:

SUB-BITUMINOUS COAL FIELD

Areas	July		August		September		October		November		December		Total		Total Above and Below Ground from July 1 to Dec. 31	Total Above and Below Ground for Year ending Dec. 31, 1927
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground		
Coalspur	2,973	4,327	4,690	5,565	4,744	5,566	6,263	5,499	8,033	7,227	8,277	9,116	34,980	37,300	72,280	127,516
Pekisko	31	62	18	45	14	37	23	57	20	59	32	34	138	294	432	1,683
Pincher	27	49	67	120	31	87	31	160	69	181	62	208	287	805	1,092	1,741
Saunders	457	840	839	2,314	951	2,935	1,200	3,572	1,534	3,789	1,304	4,023	6,285	17,473	23,753	34,082
Total	3,488	5,278	5,614	8,044	5,740	8,625	7,517	9,288	9,656	11,256	9,675	13,381	41,690	55,872	97,562	165,022

BITUMINOUS COAL FIELD

Brule	2,033	4,118	1,961	3,531	2,002	4,054	2,241	4,076	2,148	3,880	2,505	3,881	12,890	23,540	36,430	73,605
Cascade	2,514	5,382	2,658	5,986	2,361	4,523	2,426	4,098	2,284	3,694	2,535	5,106	14,778	28,789	43,567	82,996
Crow's Nest	12,192	36,059	10,240	26,983	8,717	20,046	7,573	15,829	9,069	22,049	10,443	27,817	58,234	148,783	207,017	446,552
Mountain Park	5,388	17,409	5,195	18,029	4,417	14,111	5,162	13,806	5,416	13,133	5,059	14,548	30,637	91,036	121,673	247,535
Nordegg	2,416	5,654	2,744	6,221	2,602	6,576	2,917	6,098	2,255	5,855	3,031	6,387	15,965	36,791	52,756	93,380
Total	24,543	68,622	22,798	60,750	20,099	49,310	20,319	43,907	21,172	48,611	23,573	57,739	132,504	328,939	461,443	944,068

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS FIELDS.

Domestic	17,429	34,638	21,408	52,498	24,419	68,818	31,360	98,147	34,125	119,403	37,017	134,119	165,758	507,623	673,381	1,087,622
Sub-Bituminous	3,488	5,278	5,614	8,044	5,740	8,625	7,517	9,288	9,656	11,256	9,675	13,381	41,690	55,872	97,562	165,022
Bituminous	24,543	68,622	22,798	60,750	20,099	49,310	20,319	43,907	21,172	48,611	23,573	57,739	132,504	328,939	461,443	944,068
Total	45,460	108,538	49,820	121,292	50,258	126,753	59,196	151,342	64,953	179,270	70,265	205,239	339,952	892,434	1,232,386	2,196,712

The following tables show the amount of Mine Timber used during the year:

DOMESTIC COAL FIELD

Areas	Round Timber linear ft.	Ties lin. feet	Lagging lin. feet	Lumber B.M.	Cogwood Cords	Slab Cords
Ardley	13,702		6,000			
Big Valley	57,299					
Brooks	21,400					
Camrose	217,287					
Carbon	216,553	5,181				
Castor	100,201					
Champion	32,530					
Drumheller	3,996,093	82,036				193½
Edmonton	2,302,545	91,200				291
Gleichen	25,130					
Halcourt	2,036					
Lethbridge	3,040,371	114,053		1,784,554	168	110½
Magrath	3,500					
Milk River	6,931					
Pakowki	6,290					
Pembina	308,588	35,050				
Redcliff	89,542	21,160		14,483		
Sheerness	62,674					4
Steveville	1,200					
Taber	151,835	13,362				
Tofield	3,860					
Wetaskiwin	2,100					
Whitecourt	752					
No Area	1,000					
Total	10,663,419	362,042	6,000	1,749,037	168	599

SUB-BITUMINOUS COAL FIELD

Coalspur	254,997					108
Pekisko	10,250					
Pincher	14,908					
Saunders	265,617		52,998			
Total	545,772		52,998			108

BITUMINOUS COAL FIELD

Brule	292,319		153,600			
Cascade	505,000		100,000			
Crow's Nest	3,067,867		1,038,887			
Mountain Park	1,224,390	1,644	185,600			450
Nordegg	1,203,385					
Total	6,292,961	1,644	1,478,087			450

PARTICULARS OF LAMPS IN THE DOMESTIC COAL FIELD.

	1919	1920	1921	1922	1923	1924	1925	1926	1927
Portable Electric Lamps, Edison Cap Type	180	940	1,063	1,000	807	780	744	1,207	1,592
Portable Electric Lamps, Ceag Hand Type	35	35	35	35	35	43	43		
Portable Electric Lamps, Wico Cap Type	550	500	500	500	500	569	560	275	
Portable Electric Lamps, Oldham Cap Type						25	40		
Safety Lamps, Wolfe Flame Type	670	495	524	421	125	152	147	108	108
Safety Lamps, Koehler Flame Type			6		3	6	8	4	3
Total	1,435	1,770	2,128	1,956	1,470	1,575	1,542	1,594	1,703

PARTICULARS OF LAMPS IN THE SUB-BITUMINOUS COAL FIELD.

Portable Electric Lamps, Edison Cap Type				54	78	62	41	120	120
Safety Lamps, Wolfe Flame Type							110	42	39
Total				54	78	62	151	162	159

PARTICULARS OF LAMPS IN THE BITUMINOUS COAL FIELD.

Portable Electric Lamps, Edison Cap Type	2,192	2,214	2,612	2,849	3,545	3,485	2,952	3,024	3,378
Portable Electric Lamps, Oldham Cap Type				9	47				
Portable Electric Lamps, General Electric Cap Type		71	71	71					
Safety Lamps, Wolfe Flame Type	1,404	1,441	1,301	1,218	1,186	894	703	554	633
Safety Lamps, Koehler Flame Type									8
Total	3,596	3,726	3,984	4,147	4,778	4,379	3,655	3,578	4,019

The following tables show the quantity of Explosives used in pounds for blasting coal:

DOMESTIC COAL FIELD

Areas	Name of Explosive									Total
	Black Powder	Stumping Powder	Coalite E.L.F.	Miner's Friend No. 9	Coalite G.	Monobel No. 4	Dynamite 30%	Dynamite 60%	Dynamite 40%	
Ardley	7,161	6								7,167
Big Valley	1,413									1,413
Brooks	4,900									4,900
Camrose			200							200
Carbon	44,413									44,413
Castor	11,335									11,335
Champion	4,985									4,985
Drumheller	349,882			12,700						362,582
Edmonton	60,560	2,643		2,807	42,162	2,150				110,322
Gleichen	1,010									1,010
Halcourt	1,450									1,450
Lethbridge	75,027					27,946	3,750			106,723
Magrath	625					100				725
Milk River	2,341									2,341
Pakowki	530						150			680
Pembina		20		300	13,914					14,234
Redcliff	11,560									11,560
Sheerness	14,080			150						14,230
Steveville	10									10
Taber	5,727					6,150		225		12,102
Tofield	17,975	1,000				50			200	19,225
Wetaskiwin	75									75
Whitecourt	15									15
Total	615,074	3,669	200	15,957	56,076	36,396	3,900	225	200	731,697

SUB-BITUMINOUS COAL FIELD

Areas	Name of Explosives							Total
	Black Powder	Miner's Friend No. 9	Monobel			Dynamite		
			No. 2	No. 4	No. 6	30%	60%	
Coalspur				65,730		33,875	24,675	124,280
Pekisko	50			825				875
Pincher					950			950
Saunders	7,952	12,341						20,293
Total	8,002	12,341		66,555	950	33,875	24,675	146,398

BITUMINOUS COAL FIELD

Brule					200			200
Cascade				68,273				68,273
Crow's Nest		2,000	106	41,633	48,192			91,931
Mountain Park				42,258	84,863			127,121
Nordegg				6,400				6,400
Total		2,000	106	158,564	133,255			293,925

Number of tons of coal produced per pound of explosive used for blasting coal:

DOMESTIC COAL FIELD

Areas	Number of tons mined	Number of pounds of explosive used	Tons of coal mined per pound of explosive used
Ardley	8,102	7,167	1.13
Big Valley	20,180	1,413	14.28
Brooks	4,001	4,900	.82
Camrose	53,486	200	267.43
Carbon	91,271	44,413	2.05
Castor	36,483	11,335	3.22
Champion	8,054	4,985	1.61
Drumheller	1,460,655	362,582	4.02
Edmonton	513,256	110,322	4.65
Gleichen	3,277	1,010	3.24
Halcourt	604	1,450	.41
Lethbridge	695,139	106,723	6.51
Magrath	463	725	.64
Milk River	2,087	2,341	.89
Pakowki	1,801	680	2.65
Pembina	177,387	14,234	12.46
Redcliff	29,119	11,560	2.52
Sheerness	26,499	14,230	1.86
Steveville	123	10	12.30
Taber	72,329	12,102	5.97
Tofield	152,375	19,225	7.92
Wetaskiwin	259	75	3.45
Whitecourt	110	15	7.33
No Area	111		
Total	3,357,171	731,697	4.58

SUB-BITUMINOUS COAL FIELD

Coalspur	504,987	124,280	4.06
Pekisko	4,312	875	4.92
Pincher	2,173	950	2.29
Saunders	83,718	20,293	4.12
Total	595,190	146,398	4.06

BITUMINOUS COAL FIELD

Brule	130,611	200	653.05
Cascade	290,212	68,278	4.25
Crow's Nest	1,443,066	91,931	15.69
Mountain Park	883,913	127,121	6.95
Nordegg	236,617	6,400	36.97
Total	2,984,419	293,925	10.15

Estimated number of shots fired for blasting coal.

DOMESTIC COAL FIELD

Areas	Electric Detonator	Electric Squibs	Fuse	Squibs	Total
Ardley			6,396		6,396
Big Valley			1,070	852	1,922
Brooks				2,660	2,660
Camrose	102		389		491
Carbon			33,523	3,466	36,989
Castor			8,930	1,749	10,679
Champion				7,165	7,165
Drumheller	16,600	36,230	413,705		466,535
Edmonton	9,127		79,829		88,956
Gleichen			1,330		1,330
Halcourt			755		755
Lethbridge	55,758	49,500	10,338	14,425	130,021
Magrath			1,460		1,460
Milk River				2,601	2,601
Pakowki			175	480	655
Pembina	15,586		420		16,006
Redcliff		100	850	5,423	6,373
Sheerness			11,625		11,625
Steveville			5		5
Taber			10,895	4,656	15,551
Tofield			11,872		11,872
Wetaskiwin			130		130
Whitecourt			10		10
Total	97,173	85,830	593,707	43,477	820,187

SUB-BITUMINOUS COAL FIELD

Coalspur	58,935		912		59,847
Pekisko			1,460		1,460
Pincher	1,611				1,611
Saunders			20,142		20,142
Total	60,546		22,514		83,060

BITUMINOUS COAL FIELD

Brule	340				340
Cascade	95,505				95,505
Crow's Nest	97,539		441		97,980
Mountain Park	108,238				108,238
Nordegg	9,600				9,600
Total	311,222		441		311,663

Number of miss-fire shots recorded in blasting coal in the Province.

DOMESTIC COAL FIELD

Areas	Electric Detonator	Electric Squib	Fuse	Squibs	Total
Ardley			19		19
Big Valley			4	18	22
Camrose	2		5		7
Carbon			16	16	32
Castor			15	12	27
Champion				4	4
Drumheller	19	19	260		298
Edmonton			741		741
Gleichen			8		8
Halcourt			8		8
Lethbridge	12	336	4	43	395
Magrath			4		4
Milk River				2	2
Redcliff			4		4
Sheerness			15		15
Taber			4	9	13
Tofield			20		20
Wetaskiwin			2		2
Total	33	355	1,129	104	1,621

SUB-BITUMINOUS COAL FIELD

Coalspur	33				33
Pekisko			5		5
Pincher	3				3
Saunders			62		62
Total	36		67		103

BITUMINOUS COAL FIELD

Cascade	77				77
Crow's Nest	25				25
Mountain Park	83				83
Nordegg	5				5
Total	190				190

Quantity of explosives used in pounds for blasting rock in Coal Mines in the Province.

Areas	Name of Explosive												Total
	Black Powder	Stumping Powder	40% Dynamite	Monobel No. 4	Miner's Friend No. 9	30% Dynamite	60% Dynamite	Gelpermite No. 1	CXL-ite No. 2	Monobel No. 6	Dynobel	Monobel No. 2	
Big Valley	10												10
Brule								60		2,119			2,179
Carbon			100										100
Cascade								100	6,900	1,000			8,000
Castor		6	53										59
Champion	50		350										400
Coalspur			300	1,800		6,325	12,275	71	55				20,826
Crow's Nest			2,115				3,167	3,593	855		777	2,525	13,032
Drumheller			8,945	2,787	1,000								12,732
Edmonton	266		500										766
Gleichen	30		200	25									255
Halcourt			250										250
Lethbridge	95		6	918		3,600	650						5,269
Pincher									20				20
Mountain Park				547			60,253	2,014	16,306				79,120
Nordegg								200	325				525
Saunders					1,300								1,300
Sheerness				50									50
Taber	185						350						535
Total	636	6	12,819	6,127	2,300	9,925	76,695	6,038	24,461	3,119	777	2,525	145,428

Estimated number of shots fired for blasting rock in Coal Mines in the Province.

Areas	Electric Detonator	Electric Squib	Fuse	Squib	Total
Big Valley			20		20
Brule	2,270				2,270
Carbon			100		100
Cascade	12,750		668		13,418
Castor			79		79
Champion			250	50	300
Coalspur	3,328		1,049		4,377
Crow's Nest	7,276		1,592		8,868
Drumheller	4,641		13,020	500	18,161
Edmonton			180		180
Gleichen	170		88		258
Halcourt			255		255
Lethbridge	3,095		2,102	100	5,297
Mountain Park	6,987	2,276			9,263
Nordegg	620				620
Pincher			60		60
Saunders			1,120		1,120
Sheerness			75		75
Taber			420	637	1,057
Total	41,137	2,276	21,078	1,287	65,778

Number of miss-fire shots recorded in blasting rock in the Coal Mines in the Province.

Cascade	2				2
Castor			1		1
Coalspur	1				1
Crow's Nest	4		1		5
Drumheller			30		30
Edmonton			3		3
Lethbridge	1		1		2
Mountain Park	1	2			3
Saunders			2		2
Taber				5	5
Total	9	2	38	5	54

ELECTRICITY

The rules for the Installation and Use of Electricity in or about Mines require a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines electricity was used in 65 different mines in 1927. A summary of these returns regarding the horse-power of electrical apparatus in use is given below:

Areas	No. of Mines using Electricity	Horse-power of Electrical Apparatus in use.		Total Horse-power
		Above Ground	Below Ground	
Big Valley	2	25	62½	87½
Brule	1	205		205
Camrose	1	10	7½	17½
Carbon	3	44½	113	157½
Cascade	1	610	100	710
Coalspur	6	392	95	487
Crow's Nest	6	8,996½	1,985	10,981½
Drumheller	19	1,918	2,715¾	4,633¾
Edmonton	8	586	764½	1,350½
Lethbridge	6	972	432	1,404
Mountain Park	3	476	335	811
Nordegg	1	617	160	777
Pembina	2	214	558¼	772¼
Redcliff	2	105	90	195
Saunders	3	79	185	264
Taber	1	75	496	571
Total	65	15,325	8,099½	23,424½

A closer estimate of the extent to which electricity is used in the different areas may be made by considering the number of tons of coal raised per electrical horse-power employed in all mines under The Mines Act. The following table will give this information.

TONS OF COAL PER ELECTRICAL HORSE-POWER EMPLOYED

Areas	Tons of Coal mined in 1927	Tons of Coal mined		Total Above and Below Ground
		Above Ground	Below Ground	
Ardley	8,102			
Big Valley	20,180	807	323	231
Brooks	4,001			
Brule	130,611	637		637
Camrose	53,486	5,348	7,131	3,056
Carbon	91,271	2,051	807	579
Cascade	290,212	476	2,002	409
Castor	36,483			
Champion	8,054			
Coalspur	504,987	1,288	5,315	1,037
Crow's Nest	1,443,066	160	727	131
Drumheller	1,460,655	761	538	315
Edmonton	513,256	876	671	381
Gleichen	3,277			
Halcourt	604			
Lethbridge	695,139	715	1,609	495
Magrath	463			
Milk River	2,087			
Mountain Park	883,913	1,857	263	1,089
Nordegg	236,617	383	1,478	303
Pakowki	1,801			
Pekisko	4,312			
Pembina	177,387	829	318	229
Pincher	2,173			
Redcliff	29,119	277	323	149
Saunders	83,718	1,059	452	317
Sheerness	26,499			
Steveville	123			
Taber	72,329	964	146	127
Tofield	152,375			
Wetaskwiin	259			
Whitecourt	110			
No Area	111			

COAL-CUTTING MACHINERY

Areas	No. of Machines Operated by		Tons of Coal mined by	
	Electricity	Compressed Air	Electricity	Compressed Air
Big Valley	2	1	14,307	2,240
Carbon	3	2	35,150	5,325
Coalspur	2	9	6,433	84,969
Drumheller	69	5	1,291,790	27,800
Edmonton	17	2	294,418	8,245
Lethbridge		93		595,633
Pembina	7		150,379	
Redcliff	3	3	16,539	11,769
Saunders	4	10	25,744	56,845
Taber	6	7	52,268	17,139
Total	113	132	1,887,028	809,965

ACCIDENTS

Summary table showing Accidents occurring in Mines during 1906 to 1927 inclusive.

Year	Output	Accidents			Tons of Coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	69,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61*	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,656
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209†	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,638,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,708
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
1924	5,203,713	21	42	40	247,796	123,898	130,093
1925	5,883,394	30	59	56	196,113	99,718	105,060
1926	6,508,908	39	67	119	166,398	97,148	54,696
1927	6,936,780	26	76	115	266,799	91,273	60,320
Total	97,885,038	703	1,029	988	139,239	95,126	99,074

*Including thirty-one deaths caused by the Bellevue Explosion.
†Including one hundred and eighty-nine deaths caused by the Hillcrest Explosion.

Accidents during 1927, classified according to the Coal Field in which they occurred.

Areas	Output	Accidents			Tons of Coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
Domestic	3,357,171	16	40	62	209,823	83,929	54,149
Sub-Bituminous	595,190		1	13		595,190	45,784
Bituminous	2,984,419	10	35	40	298,442	85,269	74,610

Classification of Accidents according to outputs of Mines which produced during the year 1927.

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	From 300,000 to 400,000 tons	Over 400,000 tons	Total
Fatal		1		2	8	4	6	5		26
Serious	2		1	5	22	12	18	10	6	76
Slight	3	5	5	11	30	24	23	5	9	115
Total	5	6	6	18	60	40	47	20	15	217

Number of tons of Coal extracted per accident in Mines which produced during the year 1927.

Fatal		125,728		281,143	170,694	361,129	308,115	192,575		266,799
Serious	28,064		94,782	112,457	62,071	120,379	102,705	96,288	77,702	91,273
Slight	18,710	25,145	18,956	51,116	45,518	60,189	80,378	192,575	52,912	60,319
Total	11,226	20,955	15,797	31,237	22,759	36,113	39,334	48,144	31,747	31,966

Number of tons produced per accident:

DOMESTIC COAL MINES

Areas	Output	Average No. of men employed	No. of tons produced per Accident			
			Fatal	Serious	Slight	Total
Ardley	8,102	20				
Big Valley	20,180	31				
Brooks	4,001	7				
Camrose	53,486	71				
Carbon	91,271	149		30,424		30,424
Castor	36,483	71	36,483	36,483	36,483	12,161
Champion	8,054	19			8,054	8,054
Drumheller	1,460,655	1,804	162,295	58,426	40,573	20,866
Edmonton	513,256	661	256,628	513,256	42,771	34,217
Gleichen	3,277	8				
Halcourt	604	2				
Lethbridge	695,139	1,253	347,569	139,028	86,892	25,746
Magrath	463	2				
Milk River	2,087	8				
Pakowki	1,801	5				
Pembina	177,387	182	177,387	44,347	177,387	29,564
Redcliff	29,119	60			9,706	9,706
Sheerness	26,499	42				
Steveville	123	1				
Taber	72,329	167	72,329	72,329		36,164
Tofield	152,375	93				
Wetaskiwin	259	4				
Whitecourt	110	2				
No Area	111	1				
Total.....	3,357,171	4,663	209,823	83,929	54,149	28,451

SUB-BITUMINOUS COAL MINES

Coalspur	504,987	522		504,987	50,498	45,908
Pekisko	4,312	9				
Pincher	2,173	12			2,173	2,173
Saunders	83,718	128			41,859	41,859
Total.....	595,190	671		595,190	45,784	42,514

BITUMINOUS COAL MINES

Brule	130,611	237		65,305	32,652	21,768
Cascade	290,212	324		290,212	36,276	32,246
Crow's Nest	1,443,066	1,833	288,613	72,153	144,306	41,230
Mountain Park	883,913	906	220,978	98,212	80,355	36,829
Nordegg	236,617	382	236,617	78,872	33,802	21,511
Total.....	2,984,419	3,682	298,442	85,269	74,610	35,111

FATAL ACCIDENTS, 1927

Paul Makarevich, February 24th, in the mine operated by W. Robinson near Forestburg, caused by his being struck by flying coal from a shot. He was acting as overman and had gone into the mine in the evening to fire shots. He apparently had ignited two shots and went back to the face before the second shot had exploded, being struck by flying coal from same. Jaw fractured and internal injuries. He was dead when found.

Ilko Semkowich, April 28th, in the mine operated by the Luscar Collieries, Ltd., at Luscar, caused through his being crushed between cars and timber. He was standing on the siding when a trip of loaded cars was being hauled onto the siding, and in stepping out of the way he was caught and crushed between the timber and the side of the cars. Chest crushed and internal injuries, from the effects of which he died in the hospital at Luscar on May 12, 1927.

Steve Malochowski, May 4th, in the mine operated by Lakeside Coals, Ltd., near Wabamun, caused through his falling in front of a railroad car and being run over. He was spotting an empty railroad car at the tipple, the car being hauled by a rope attached to a steam-operated winch. He was climbing onto the front end of the car when he fell across the rail in front of the car; the right wheel passed over him, his left wrist and forearm being fractured, also internal injuries. Death was instantaneous.

Martin Haynes, May 22nd, in the mine operated by the Western Gem Coal Co., Ltd., near Drumheller, caused through a fall of rock. He was engaged brushing the roof in No. 7 East entry. He had fired two shots and was back examining the roof. He was trying to pull down a large piece of rock when it came suddenly, and he fell under the rock as it dropped. He received severe internal injuries, from the effects of which he died in the Drumheller Hospital five hours later.

Thos. Muir, May 27th, in the mine operated by the Brazeau Collieries, Ltd., at Nordegg, caused through his falling off the bench, striking his back on a rail. He was working on the bench at the face of 28 room 10 gangway digging coal when a piece of the bench coal slipped away, causing him to fall, striking his back on the rail. Fractured pelvis and internal injuries, from the effects of which he died in the Nordegg Hospital on May 31st, 1927.

P. Emsky, on June 14th, in the mine operated by the Luscar Collieries, Ltd., at Luscar, caused through his being struck by a trip of runaway mine cars. He was on the slope near the entrance to No. 3 level parting, when a trip of empty cars, which were being lowered on the slope, became uncoupled and going down the slope became derailed at the switch. He was struck by the cars, his skull being fractured, causing instant death.

H. Bobeshko, June 16th, in the mine operated by the West Canadian Collieries, Ltd., Bellevue, caused through his falling in front of a loaded trip of mine cars. He was working as brakeman on a compressed air operated locomotive, and was riding on the front end of a trip of cars, when he fell in front of the cars, being pushed along for some distance under the cars. He was dead when found and was under the fourth car, his leg, neck and arm being broken, causing instant death.

Chas. Saunigi, June 20th, in the mine operated by the West Canadian Collieries, Ltd., Bellevue, caused through his being struck by a fall of coal. He was working at the face taking down coal, which had been undercut by a coal-cutting machine, when a large piece of coal fell from the face and knocked him down. His neck, leg and arm were fractured, causing instant death.

Rufus Neil, August 15th, in the mine operated by the International Coal & Coke Co., Ltd., at Coleman, caused through his being struck by a fall of coal. A piece of coal fell from the face, and rolling down the chute crushed him against a prop. Fractured ribs, which pierced the pleura causing pneumonia, from which he died in the Coleman Hospital on August 17, 1927.

George Lowe, August 27th, in the mine operated by the Luscar Collieries, Ltd., at Luscar, caused through his being caught between a crowbar and the roof. He was loading coal into mine cars and was using a steel crowbar to loosen some large pieces when a piece slipped, forcing the

bar up against his throat and pinned him against the timber. The bar pressed against the nerve controlling the heart, causing paralysis of the heart, which resulted in his death before he could be released.

Geo. Young, October 5th, in the mine operated by the Alberta Block Coal Co., Ltd., Drumheller, caused through a fall of rock. He was mining coal at the face when a large piece of rock fell from the roof, striking him on the head, fracturing his skull and causing instant death.

Philip Zima, October 12th, in the mine operated by the Caledonian Collieries, Ltd., near Drumheller, caused through his being struck by flying coal from a shot. He was working in a room off the main entry; shots had been fired at the face of entry and in a slant off the entry and at the face in his room. The miner working in the entry had returned to the face to fire a second shot, when his light became extinguished and he called Zima to give him a light. Zima was on his way to the face when a second shot, which had previously been lighted at the face of the slant, exploded. The flying coal struck Zima, fracturing his left leg. Gangrene developed, and the leg was amputated below the knee on Oct. 13th and a further amputation on the 14th of October, and he died from the effects of shock on October 15, 1927.

E. Panico, October 21st, in the mine operated by the Ideal Coal Co., Ltd., Wayne, caused through a fall of rock at the face of room. He was preparing to put up timber at the face of room when a large piece of rock fell from the roof, striking him on the head. Fractured skull, death being instantaneous.

Sam Bonder, November 9th, in the mine operated by the Mountain Park Collieries, Ltd., at Mountain Park, caused through his being caught under a cave of rock in pillar workings. He, along with his partner, had put a hole through onto the counter level. He went around onto the counter level when a large cave of coal occurred, burying him. He was dead when the body was brought out from below the cave, death being caused by suffocation.

Joseph B. Hewitt, November 23rd, in the mine operated by the Great West Coal Co., Ltd., at Aerial, caused through a fall of rock. He, along with his partner, was loading coal. They had loaded 16 cars and neglected to put up timber. Hewitt was shovelling coal when a large piece of rock fell from the roof on top of him, burying him and killing him instantly.

John Holmes, November 18th, at the mine operated by the Newcastle Coal Co., Ltd., Drumheller, caused through a scratch. He was working as a stableman at the mine, and while repairing some harness sratched his finger with a copper rivet. He continued working until the 21st, when blood poisoning having developed he was sent to the hospital, where he died on November 24th, 1927.

Fred Morris, November 30th, in the mine operated by the Caledonian Collieries, Ltd., near Drumheller, caused through his falling down the shaft. He was engaged as a pumpman and had come on shift to make some repairs to a pump. He was waiting for the overman, who had not arrived at the mine. He then arranged with the hoist engineer to hoist the cage to the ground landing in order that he could go down to the pump. He went out of the hoist house and apparently forgot, as he opened the gate and went through before the cage was brought, falling down the shaft onto the top of the cage, being instantly killed.

Martin Harper, December 2nd, in the mine operated by the North American Collieries, Ltd., at Coalhurst, caused through a fall of rock. He was loading coal when a fall of rock took place, burying him. He had been instructed to put up timber, but had neglected to do so, and was dead when found.

Alex. Koponen, December 10th, in the mine operated by the Rose Deer Coal-mining Co., Ltd., Wayne, caused through a fall of coal. He was working at the face and had practically cleaned up his place when a piece of top coal fell, striking him on the head. Skull fractured, causing practically instant death.

George Christie, December 14th, in the mine operated by the West Canadian Collieries, Ltd., Bellevue, caused through his attempting to get into the man trip while same was being taken to the loading station. Christie was getting in when the driver started to take the cars in to the station. He stood on the bumpers between the cars until at the manway when he attempted to climb in and struck his head against an overhead

pipe, which knocked him down between the cars, and before the driver could be signalled to stop the cars moved some distance and he was crushed between them. Both legs broken, chest crushed, heart ruptured and internal injuries, death being practically instantaneous.

Herbert Mather, December 15th, in the mine operated by the Penn Mines, Ltd. (Chinook Mine), at Edmonton, caused by a fall of rock. He was working at the face of a crosscut when a cave occurred. He waited until the caving settled, then went out from the face to put up timber. He was in the act of placing a timber when a further cave occurred, burying him. Chest crushed, causing instant death.

Thomas Burak, December 16th, in the mine operated by the Great West Coal Co., Ltd., at Aerial, caused through a fall of rock. He was loading coal when a large piece of rock fell from the roof, swinging out two sets of timber, falling on top of him, crushing him and causing instant death.

H. Howralish, December 17th, in the mine operated by the Canadian Pacific Railway Department of Natural Resources, at Hardieville, near Lethbridge, caused through his leg being crushed between cars. He was getting an empty car to take into his place. There were two cars left standing on the entry, which has a down grade. He took the first car and neglected to sprag the other car, which came down behind him and caught his right leg between the bumpers, causing compound fracture of right leg, in which gangrene developed, from the effects of which he died on December 21, 1927.

John Kloos, December 23rd, in the mine operated by the Receiver for the Bondholders of the Leland Coal Co., Ltd., near Taber, caused through a fall of rock. He, along with his partner, was working at the face. They had tried to take down a large piece of rock, but failed. They then started to place a set of timber under it. Kloos was tightening the second prop under the boom when the rock fell, knocking out the timber and falling onto him, crushing his head. Fractured skull, resulting in death four hours after the accident.

Laddie Skarydko, December 27th, in the mine operated by the West Canadian Collieries, Ltd., Bellevue, caused through runaways cars. He was on the landing at the foot of the slope when a trip of cars was being hoisted up the slope. The drawbar between the first and second cars broke, allowing the second and third cars to go back down the slope; the safety drag turned over and failed to hold. The cars became derailed after reaching the landing. The coal in the cars was thrown out and some of the coal struck him, knocking him down, his head striking the wheels of cars standing on the landing. Fractured skull, causing instant death.

Sherman E. Carr, December 30th, in the mine operated by the Penn Mines, Ltd. (Chinook Mine), at Edmonton, caused through his being crushed by an electrically operated coal-cutting machine. He was moving the machine when he tripped and fell in front of the machine and on top of the rail; the machine continuing to run climbed on top of him. Carr was severely crushed internally, all the organs being severed, death being practically instantaneous.

In addition to the above the following parties, who were injured in 1926, died early in 1927:

Jas. Duncan, injured on July 9, 1926, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., near Coleman, died on January 9, 1927.

H. Vandermeer, injured on Nov. 18, 1926, in the mine operated by the Bighorn & Saunders Creek Collieries, Ltd., at Saunders, died on January 9, 1927.

Wm. F. Wilkinson, injured on Nov. 29, 1926, in the mine operated by Jas. A. Batie, near Bassano, died on January 25, 1927.

Table showing Accidents as they occurred by months during year 1927.

Months	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January			1	1		5	7	12	13
February		1	2	3	1	4	10	15	18
March			1	1		5	5	10	11
April			1	1	1	4	4	9	10
May	1			1	2	6	8	16	17
June		1	1	2	3	3	7	13	15
July		1		1		4	4	8	9
August					2	8	5	15	15
September		3	5	8		7	8	15	23
October			3	3	3	6	10	19	22
November	1	1	2	4	3	5	12	20	24
December		1	4	5	9	11	15	35	40
Total	2	8	20	30	24	68	95	187	217

Tabulated List of Accidents occurring in the Province above and below ground during the year 1927.

Cause	Fatal		Serious		Slight		Total	
	Above	Below	Above	Below	Above	Below	Above	Below
Haulage		6	1	27		35	1	68
Fall of rock		9		18		14		41
Fall of coal		3		11		9		23
Loading coal		1		1		9		11
Shot-firing		2		3		3		8
Coal-cutting		1		2		5		8
Falling down shaft		1		1				2
Timbering						6		6
Falling down chute						2		2
Struck by flying coal						1		1
Timber packing				1		1		2
Fell off bench		1		1				2
R. R. cars	1		2		5		8	
Tipple machinery			3		1		4	
Miscellaneous	1		2	3	14	10	17	13
Total	2	24	8	68	20	95	30	187

Tabulated List of Accidents occurring in the Province above and below ground for the year 1927, classified according to the Area in which they occurred.

	Fatal		Serious		Slight		Total		Total Above and Below Ground
	Above	Below	Above	Below	Above	Below	Above	Below	
Brule			1	1		4	1	5	6
Carbon				3				3	3
Cascade				1		8		9	9
Castor		1		1		1		3	3
Champion						1		1	1
Coalspur				1	5	5	5	6	11
Crow's Nest		5	3	17		10	3	32	35
Drumheller	1	8	3	22	7	29	11	59	70
Edmonton		2		1	1	11	1	14	15
Lethbridge		2		5	3	5	3	12	15
Mountain Park		4	1	8	2	9	3	21	24
Nordegg		1		3		7		11	11
Pembina	1			4	1		2	4	6
Pincher						7		1	1
Redcliff						3		3	3
Saunders					1	1	1	1	2
Taber		1		1				2	2
Total	2	24	8	68	20	95	30	187	217

The following tables give the classification of Accidents according to the Coal Fields in which they occurred.

DOMESTIC

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage, hand caught in hoist gear						1	1
Rope Haulage, caught between cars						1	1
Rope Haulage, thrown from derailed cars					1		1
Rope Haulage, struck by runaway cars						1	1
Horse Haulage, caught between cars					1	2	3
Horse Haulage, stepped on by horse						1	1
Horse Haulage, struck by car wheel					1		1
Horse Haulage, falling in front of cars					1		1
Horse Haulage, caught between cars and side of entry					2		2
Horse Haulage, foot caught between rail and car bumpers					2		2
Manual Haulage, caught between cars				1	2	3	6
Manual Haulage, caught between cars and side of entry						1	1
Manual Haulage, caught between cars and face of room					1	1	2
Manual Haulage, slipped and fell against car						5	5
Manual Haulage, car ran over foot						1	1
Fall of rock, at face of entry					2	2	4
Fall of rock on entry				1	2	2	5
Fall of rock at face of room				5	6	4	15
Fall of rock at face of room, setting timber				1	2	2	5
Fall of rock at face of crosscut				1			1
Fall of rock in pillar workings					1		1
Fall of coal at face of room				1	4	2	7
Fall of coal in pillar workings					1		1
Electric Battery Locomotive Haulage, caught between cars					1		1
Electric Battery Locomotive Haulage, putting motor on track, jack slipped					1		1
Loading coal, struck by falling coal whilst loading cars						5	5
Shot firing, went back too soon on shot				1	1	1	3
Shot firing, struck by flying coal from shot				1	1		2
Shot firing, ignition of black powder by open light						2	2
Coal-cutting machinery, electric, struck by jack						3	3
Coal-cutting machinery, electric, caught when moving machine				1	2	1	4
Coal-cutting machinery, compressed air, finger caught under machine						1	1
Falling down shaft				1	1		2
Fall of timber while erecting same						2	2
Struck by flying coal from pick point						1	1

DOMESTIC— (*Continued*)

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Miscellaneous:							
Unloading rock, mine car dropped on foot						1	1
Hand caught in booster fan						1	1
Hand caught in pump machinery			1		1		2
Making wedge, cut by axe						1	1
Fell whilst walking on slope						1	1
Hand scratched while repairing harness	1						1
Kicked by horse when helping stableman						1	1
Kicked by horse when unharnessing		1					1
Struck by flying coal on tipple			2				2
Unloading timber from R.R. car			1				1
Repairing screen on tipple			1				1
Slipped while operating car puller			1				1
Loading machinery onto R.R. cars			1				1
Dismantling temporary structure			1				1
Struck by flying coal while loading into R.R. cars			1				1
Railroad cars, falling off car	1	1	3				5
Railroad cars, struck by rope hauling cars		1					1
Total	2	3	12	14	37	50	118

SUB-BITUMINOUS

Rope haulage, struck by empty car						1	1
Fall of coal at face of room						1	1
Falling down chute						1	1
Slipped while placing timber						1	1
Chute loading, struck by coal						2	2
Slipped off platform, face of room					1		1
Digging coal, pick struck foot						1	1
Steam locomotive, hand caught by wheel			1				1
Railroad cars, fell off car			1				1
Railroad cars, thumb caught in car door			1				1
Miscellaneous, using lifting jack which slipped			1				1
Miscellaneous, slipped and fell onto rail on rock dump			1				1
Miscellaneous, slipped and fell onto beam			1				1
Total			6		1	7	14

BITUMINOUS

Rope haulage, caught between car and rib					1	1	2
Rope haulage, riding on trip of cars						2	2
Rope haulage, struck by runaway car				2	1		3
Rope haulage, hand caught between rope and drum					1	2	3
Rope haulage, caught between loaded cars					1	2	3
Rope haulage, caught by derailed car						1	1
Rope haulage, hand caught between car and timber						1	1
Compressed air locomotive haulage, hand caught under wheel						1	1
Compressed air locomotive haulage, leg caught between foot-plate and sand box					1		1
Compressed air locomotive haulage, fell in front of trip				2			2
Compressed air locomotive haulage, caught between motor and door on entry					1		1
Horse haulage, hand caught in coupling						1	1
Horse haulage, kicked in face by horse		1					1
Horse haulage, fell in front of trip of cars					1		1
Horse haulage, fell off trip of cars						1	1
Horse haulage, crushed between cars and door frame					1		1
Horse haulage, crushed between cars and timber				1	3	1	5
Horse haulage, thumb crushed when spragging cars						1	1
Horse haulage, foot crushed under car wheel						1	1
Horse haulage, foot crushed between car bumpers						1	1
Horse haulage, fell and dragged by trip					1		1
Manual haulage, sprag slipped, crushed between car and face					1		1
Manual haulage, leg caught between cars					1		1
Manual haulage, car slipped off rails onto foot						1	1
Fall of rock at face of entry					1		1
Fall of rock on entry						1	1
Fall of rock at face of room					2	2	4
Fall of rock in pillar workings				1	2	1	4
Fall of coal at face of entry				1			1
Fall of coal in airway					1		1
Fall of coal at face of room					3	5	8
Fall of coal in pillar workings				1	2	1	4
Fall of timber when erecting same						2	2
Slipped when placing timber (fell down chute)						1	1
Struck by axe handle while timbering						1	1
Shot-firing, premature ignition of powder					1		1
Fell off bench at face of room				1			1
Chute loading, jammed by bar when loosening coal in chute				1			1
Chute loading, caught by coal in chute					1	2	3
Timber packing, struck by timber (which slipped)					1	1	2
Struck by pipe when repairing same					1		1
Slipped and fell while repairing pipe						1	1

BITUMINOUS— *(Continued)*

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Slipped onto auger when drilling						1	1
Falling when walking on entry					1	1	2
Falling when walking up room						1	1
Tipple machinery, fell onto conveyor		1					1
Tipple machinery, caught in conveyor gear		1					1
Tipple machinery, fell off trestle		1					1
Tipple machinery, hand crushed by box car loader			1				1
Dumping rock, struck by lever			1				1
Tripped on belt to portable saw		1					1
Total		5	2	10	30	38	85

Table showing Accidents during 1927, classified according to the Mines in the DOMESTIC Field in which they occurred.

Name of Operator	Area	Above Ground				Below Ground				Total Above and Below Ground
		Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Peerless Carbon Collieries, Ltd.	Carbon						1		1	1
Palisade Collieries, Ltd.	Carbon						1		1	1
Ellis Coal Co., Ltd.	Carbon						1		1	1
F. G. Meek	Castor							1	1	1
Ben Hronek	Castor						1		1	1
William Robinson	Castor					1			1	1
Fraser & McGaw	Champion							1	1	1
Newcastle Coal Co., Ltd.	Drumheller	1			1		1	2	3	4
Rosedale Coal Co., Ltd.	Drumheller		1		1		2		2	3
Rose-Deer Coal Mining Co., Ltd.	Drumheller		1	1	2	1		5	6	8
Midland Coal Mining Co., Ltd.	Drumheller			1	1					1
J. D. Thomas Coal Company	Drumheller						4	2	6	6
Great West Coal Co., Ltd. (Aerial)	Drumheller					2		3	5	5
F Olsen	Drumheller							1	1	1
Alberta Block Coal Co., Ltd.	Drumheller			2	2	1	3	1	5	7
Sovereign Coal Co., Ltd.	Drumheller			1	1		2	1	3	4
Jewel Collieries, Ltd.	Drumheller						1	4	5	5
Western Gem Coal Co., Ltd.	Drumheller			2	2	1	5	2	8	10
Atlas Coal Co., Ltd.	Drumheller						1	1	2	2
Caledonian Collieries, Ltd.	Drumheller					2	1		3	3
Excelsior Collieries, Ltd.	Drumheller							1	1	1
Hy-Grade Coal Co. of Drumheller, Ltd.	Drumheller						1	2	3	3
Newcastle Junior Mining Co., Ltd.	Drumheller						1	1	2	2
Elgin Coal Co., Ltd.	Drumheller							2	2	2
Ideal Coal Co., Ltd.	Drumheller		1		1	1		1	2	3
Keith & Fulton	Edmonton							1	1	1
Fraser-MacKay Collieries, Ltd.	Edmonton			1	1			2	2	3
Great West Coal Co., Ltd.	Edmonton							1	1	1
Penn Mines, Ltd.	Edmonton					2		3	5	5
Marcus Coals, Limited	Edmonton						1	1	2	2
Premier Coal Co., Ltd.	Edmonton							1	1	1
Fridel & Barton	Edmonton							1	1	1
Kost Nimko	Edmonton							1	1	1
Can. Pac. Ry. Dept. Nat. Res.	Lethbridge			2	2	1	1	1	3	5
C. S. Donaldson Coal Co.	Lethbridge						1		1	1
Mizzolini, Filestino & Loxton	Lethbridge						1		1	1
Consolidated Diamond Collieries, Ltd.	Lethbridge							1	1	1
North American Collieries, Ltd.	Lethbridge					1	2		3	3
The Royal Lethbridge Collieries	Lethbridge			1	1			3	3	4
North American Collieries, Ltd.	Pembina			1	1		3		3	4
Lakeside Coals, Ltd. (No. 1 Mine)	Pembina	1			1		1		1	2
Redcliff Brick & Coal Co., Ltd.	Redcliff							3	3	3
Receiver for the Bondholders of The Leland Coal Co., Ltd.	Taber					1	1		2	2
Total		2	3	12	17	14	37	50	101	118

Table showing Accidents during 1927, classified according to the Mines in the SUB-BITUMINOUS Field in which they occurred.

Name of Operator	Area	Above Ground				Below Ground				Total Above and Below Ground
		Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Coalspur Collieries, Ltd.	Coalspur							1	1	1
Sterling Collieries Co., Ltd.	Coalspur			2	2					2
Lakeside Coals, Ltd. (No. 2 Mine)	Coalspur			1	1			1	1	2
Saunders Ridge Coal Co., Ltd.	Coalspur							2	2	2
Coal Valley Mining Co., Ltd.	Coalspur			1	1					1
Superba Coal Co., Ltd.	Coalspur			1	1					1
Bryan Coal Co., Ltd.	Coalspur						1	1	2	2
Tonge Coal Company	Pincher							1	1	1
Bighorn & Saunders Creek Collieries, Ltd.	Saunders							1	1	1
Alexo Coal Company, Ltd.	Saunders			1	1					1
Total				6	6		1	7	8	14

Table showing Accidents during 1927, classified according to the Mines in the BITUMINOUS Field in which they occurred.

Blue Diamond Coal Co., Ltd.	Brule		1		1		1	4	5	6
Canmore Coal Co., Ltd.	Cascade						1	8	9	9
Hillcrest Collieries, Ltd.	Crow's Nest						3		3	3
West Canadian Collieries, Ltd. (Bellevue)	Crow's Nest		1		1	4	4	1	9	10
International Coal & Coke Co., Ltd.	Crow's Nest					1	4	3	8	8
McGillivray Creek Coal & Coke Co., Ltd.	Crow's Nest		2		2		2	1	3	5
West Canadian Collieries, Ltd. (Blairmore)	Crow's Nest						4	5	9	9
Mountain Park Collieries, Ltd.	Mountain Park			1	1	1	2	1	4	5
Cadomin Coal Co., Ltd.	Mountain Park		1	1	2		5	8	13	15
Luscar Collieries, Ltd.	Mountain Park					3	1		4	4
Brazeau Collieries, Ltd.	Nordegg					1	3	7	11	11
Total			5	2	7	10	30	38	78	85

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1927.

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Ontalta Collieries, Ltd.	Operator	Failed to pay wages due employees as provided by Sec. 34, Mines Act	Convicted	Fined $100	$ 4.25
			Convicted	Fined $5.00	2.00
Hy-Grade Coal Co., Ltd.	Miner	Stored explosive in the mine	Convicted	Fined $5.00	2.25
Hy-Grade Coal Co., Ltd.	Miner	Kept his lamp on his head when making a cartridge of explosive			
West Canadian Collieries, Ltd. (Bellevue)	Miner	Jumping on trip of cars on slope while in motion and riding on cars	Convicted	Fined $2.00	1.50
West Canadian Collieries, Ltd. (Bellevue)	Pipe-fitter	Had one lucifer match in his possession underground	Convicted	Fined $3.00 and costs	2.50
West Canadian Collieries, Ltd. (Bellevue)	Miner	Had one lucifer match in his possession underground	Convicted	Fined $3.00 and costs	2.50
J. F. Hamilton	Operator	Failed to keep up to date plan of mine at office	Convicted	Fined $1.00	
Fish Creek Coal Co.	Overman	Fired a shot by means of fuse in a place where locked safety lamps are required to be used	Convicted	Fined $10.00	1.75
Fish Creek Coal Co.	Operator	Employed and allowed persons to go in the mine without providing two separate outlets not less than 100 feet apart	Convicted	Fined $10.00	1.75
J. D. Thomas Coal Company	Miner	Failed to return explosive to storage at end of shift in mine where locked safety lamps are required	Convicted	Fined $5.00	6.25
W. Robinson	Miner	Was underground for the purpose of his work over 8 hours	Convicted	Fined $2.00	3.00
E. Leblanc	Operator	Failed to pay wages once a fortnight	Convicted	Fined $1.00	1.00
Superior Grade Coal Co., Ltd.	Drillers	Stored explosive in the mine and took greater quantities into mine than allowed without permission from Chief Inspector	Convicted	Fined $5.00	2.25
Superior Grade Coal Co., Ltd.	Drillers	Stored an excess quantity of explosive in old workings of mine without authority or knowledge of management of mine	Convicted	Fined $5.00	2.25
Superior Grade Coal Co., Ltd.	Drillers	Stored explosive in the mine and took greater quantities into mine than allowed without permission from Chief Inspector	Convicted	Fined $5.00	2.25
Superior Grade Coal Co., Ltd.	Drillers	Stored an excess quantity of explosive in old workings of mine without authority or knowledge of management of mine	Convicted	Fined $5.00	2.25
E. T. Davies	Operator & Overman	Failed to keep daily report book for times of raising and lowering men, weekly reports of old workings and airways and to post copy of Mines Act	Convicted	Fined $10.00	2.50
Cober & Thomas	Miner	Operated a mine without having necessary overman's certificate	Convicted	Fined $25 and costs	3.75

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Blue Diamond Coal Co., Ltd.	Chute-loader	Had in his possession one lucifer match	Convicted	Fined $15.00	$ 4.00
Allan & Walker	Miner	Operated without having a necessary overman's certificate	Convicted	Fined $1.00	.75
Newcastle Jun. Min. Co., Ltd.	Miner	Did store explosive in the mine, contrary to Section 66 of The Mines Act	Convicted	Fined $5.00	3.75
Canmore Coal Co., Ltd.	Fire-boss	Firing a shot in the solid not properly set	Convicted	Fined $5.00	5.00
West Canadian Collieries, Ltd. (Bellevue)	Miner	Having in his working place 5 lbs. and 5 ounces of Monobel No. 4	Convicted	Fined $10 or 30 days	2.90
West Canadian Collieries, Ltd. (Bellevue)	Miner	Having in his possession cigar stubs in the form of smoking tobacco	Convicted	Fined $10 or 6 weeks	2.85
West Canadian Collieries, Ltd. (Bellevue)	Miner	Having in his possession in the form of smoking tobacco, cigar stubs	Convicted	No fine	2.00
William Leedham	Operator	Not having his mine plan up to date	Convicted	Fined $5.00	4.30
Cascade Coal Co.	Operators	Failed to pay all wages due every two weeks	Convicted	No fine	3.75
Cadomin Coal Co., Ltd.	Miner	Riding on a car in the rock tunnel in this mine without permission of the manager	Convicted	Fined $5.00	4.50
Cadomin Coal Co., Ltd.	Chute-loader	Did smoke a cigarette in the rock tunnel of the mine	Convicted	Fined $10 or 30 days	4.50

The following table shows the number of Mines opened, abandoned and re-opened according to Areas and Kind of Coal during the year.

Areas								
Name	Number	Character of Coal	No. of mines in operation Dec. 31, '27	Mines opened During year	Mines abandoned during year	Mines re-opened during year	Mines closed but not abandoned	Name and Address of District Inspector of Mines
Ardley	1	Domestic	11		5	1	1	
Big Valley	2	Domestic	5	1	2	1	3	
Camrose	5	Domestic	7	1	1		1	
Carbon	6	Domestic	17		5	1	3	
Castor	8	Domestic	39	4	9	1	7	
Edmonton	15	Domestic	28	2	4		1	
Halcourt	18	Domestic	2	1			2	Bernard Nugent,
Pakan	27	Domestic						Camrose, Alta.
Sexsmith	37	Domestic			1			Teleph. No. 72
Tofield	42	Domestic	5		1			
Valhalla	43	Domestic						
Wainwright	44	Domestic						
Wetaskiwin	45	Dmoestic	1		1			
Whitecourt	46	Domestic	1			1	1	
No Area		Domestic	1	1	1			
Brooks	3	Domestic	2					
Champion	9	Domestic	9	1	1	1	...	
Highwood	19	Bituminous						
Lethbridge	20	Domestic	20	1	3	1	1	Jos. B. de Hart,
Magrath	21	Domestic	3	1	3		1	Lethbridge,
Milk River	22	Domestic	3		1		3	Alberta.
Pakowki	28	Domestic	5		1	1	1	Teleph. No. 325
Pekisko	30	Sub-Bituminous	3	1	2	1	5	
Redcliff	34	Domestic	2					
Taber	41	Domestic	12		5	1	3	
Brule	4	Bituminous	1					
Coalspur	11	Sub-Bituminous	9	1	1	1	2	Thomas Horne,
Mountain Park	24	Bituminous	3					Edson, Alta.
Pembina	31	Domestic	3	1				Teleph. No. 35,
Prairie Creek	33	Sub-Bituminous		1	1		1	Residence
Rochester	35	Domestic						
Smoky River	39	Bituminous						
West Crow's Nest Pass	12	Bituminous	7				1	Moses Johnson, Blairmore, Alta. Teleph. No. 70
Cascade	7	Bituminous	1				1	
Clearwater	10	Bituminous						
East Crow's Nest	13	Bituminous	6	2	2		1	John Crawford,
Morley	23	Sub-Bituminous						Blairmore,
Nordegg	25	Bituminous	1					Alberta.
Old Man	26	Bituminous						Teleph. No. 70
Panther	29	Bituminous						
Pincher	32	Sub-Bituminous	4		1	1	2	
Saunders	36	Sub-Bituminous	3					
Drumheller	14	Domestic	27	2	8		3	
Empress	16	Domestic						M. Cranston,
Gleichen	17	Domestic	4	1	2		1	Drumheller.
Sheerness	38	Domestic	13		2		3	Alberta.
Steveville	40	Domestic					1	Teleph. No. 413
Total			259	22	63	12	49	

In addition to the above, Mr. James A. Richards (11009 89th Ave., Edmonton) is acting in the capacity of General District Inspector of Mines, Telephone No. 32662.

BOARD OF EXAMINERS

The constitution of the Board during the year 1927 was as follows:
As representing:

(a) The Mine Inspectorate:
John T. Stirling, Chief Inspector of Mines.

(b) Managers:
Norman Fraser, Robert Livingstone.

(c) Working Miners:
William Lammie, Evan Morgan.
Secretary: Jas. A. Richards.

Examinations were held during the year as follows: For First and Second Class Certificates of Competency on June 8, 9 and 10, at Blairmore, Edmonton, Lethbridge, Drumheller, Nordegg and Cadomin.

For Third Class Certificates of Competency at Blairmore, Canmore, Cadomin, Edmonton, Lethbridge and Drumheller on May 10, and at Nordegg on June 7.

For Mine Surveyors' Certificates of Competency on June 10, at Blairmore, Edmonton, Drumheller and Lethbridge.

Ten candidates presented themselves for examination for First Class Certificates, of whom three were successful. Fifteen candidates presented themselves for examination for Second Class Certificates, of whom six were successful. Thirty-two candidates presented themselves for examination for Third Class Certificates, of whom twenty-five were successful. Six candidates presented themselves for examination for Mine Surveyors' Certificates, of whom two were successful.

List of Names of Holders of First Class Certificates Issued by the Government of the Province of Alberta to December 31, 1927.

Name	Address	Cert. No.	Date of Issue
Addie, W.	Estevan, Sask.	19	25- 8-03
Aspinall, Francis	Drumheller	22	1- 3-09
Ashburner, Edward	Medicine Hat	40	9-12-10
Allen, Peter	Wayne	72	5-11-12
Bradshaw, G. W.	Nanaimo, B.C.	61	16- 5-05
Broome, G. H.	New Zealand	46	28-11-04
Brown, J.	Calgary	18	24- 8-03
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
Black, Ernest D.	England	84	29- 7-13
Brydon, Andrew D.	England	4	18- 9-14
Blake, Henry	Bellevue	25	27- 7-17
Brown, Hugh R.	Wayne	26	28- 6-18
Bilson, George H.	New Zealand	27	28- 6-18
Brown, R. J.	Montana	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Blair, John	Wayne	55	24- 7-24
Collins, W. F.	Blairmore	24	31-10-03
Coulthard, R. W.	Toronto	8	19- 3-05
Church, J. A. H.	Edmonton	11	23- 1-08
Clyne, James	Edmonton	69	18- 3-12
Crowder, Harry	Drumheller	5	18- 9-14
Cranston, Michael	Drumheller	35	2- 7-19
Coupland, Edward	Cadomin	56	24- 7-24
Crawford ,Alexander	Alexo	61	24- 7-25
Crawford, John	Blairmore	65	26- 7-26
Chavignaud, Louis G.	Luscar	71	6- 8-27
Drinnan, R. G.	Edmonton	29	30- 1-04
Dickson, G. H.	Ontario	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
Darbyshire, J.	Edmonton	35	3-12-09
Davis, David	Coleman	62	28-11-11
Duggan, William H.	Foothills	85	29- 7-13
DeHart, Joseph B.	Lethbridge	86	29- 7-13
Dennis, Fred W.	England	12	28-10-15
Davidson, David	Coleman	15	12- 8-16
Donaldson, Chris. S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Hillcrest	22	17- 7-17
D'Altroy, Arthur C.	Wayne	53	17- 8-23
Emmerson, J.	Frank	50	13- 4-05
Emmerson, C.	Bellevue	49	9- 1-05
Elliott, D.	Blairmore	20	13-10-03
Ellis, W.	Three Hills	15	8- 1-09
Evans, D.	Vancouver, B.C.	1	15-10-98
Emerson, J.	Bellevue (duplicate)	41	25- 8-19
Flint, W. G.	Edmonton	56	13- 4-05
Finlayson, J.	Dinant	30	10- 2-04
Fraser, Norman	Edmonton	1	21-12-05
Fraser, G. L.	British Columbia	1	31- 5-06
Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Wabamun	40	12- 8-19
France, Thomas	Nordegg	44	8-10-19
Green, R.	Blairmore	58	26- 4-05
Graham, C.	Cumberland, B.C.	7	27- 2-06
Givin, Homer H.	Virginia, U.S.A.	57	23-11-11
Gray, David	Washington, U.S.A.	65	4-12-11
Guernsey, Forbes W.	Vancouver, B.C.	80	18-12-12
Gotheridge, William T.	Round Hill	54	16- 7-24
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
Hargreaves, James	Victoria, B.C.	9	25- 6-01
Hamilton, W. L.	Winnipeg, Man.	4	2-12-98
Hardie, W. D. L.	Lethbridge	2	15-10-98

List of Names of Holders of First Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Holden, James	Drumheller	14	7- 1-09
Hamilton, Robert	Three Hills	4	3- 1-07
Horne, Thomas	Edson	6	26-12-07
Hart, John	Edmonton	23	23- 3-09
Horne, Robert	Blairmore	12	7- 1-09
Howells, Nathaniel	Nacmine	64	4-12-11
Hunter, A. B.	Medicine Hat	14	12- 8-16
Higgins, Alexander	Three Hills	19	7- 7-17
Heeley, William G.	Clover Bar	36	3- 7-19
Hetherington, W. B.	Luscar	38	9- 7-19
Hastings, A. P.	Banff	47	26- 7-20
Howden, A. B.	Evansburg	50	1- 8-21
Hamilton, Alan	Mercoal	52	17- 7-23
Hall, William E. G.	Coleman	58	20- 7-25
Jones, Samuel A.	Nanaimo, B.C.	57	26- 4-05
John, John	Mountain Park	44	29- 4-04
Jones, David	Edmonton	67	27-11-11
Johnson, Moses	Blairmore	79	14-11-12
Jordan, William	Drumheller	11	9- 9-15
Jones, Griffith	Edmonton (Interchange)	63	21-10-25
Kerr, Alex.	Tonkin, B.C.	27	18-12-03
Knox, Thomas K.	Coal Creek, B.C.	28	30-11-09
Kellock, George	Coleman	59	23-11-11
Little, John	Coalfields	5	2-12-98
Livingstone, Robert	Lethbridge	16	
Lewellyn, D. R.	Michel, B.C.	42	2- 7-04
Little, William F.	Canmore	4	29-12-05
Lee, Robert J.	Estevan, Sask.	56	23-11-11
Leblanc, Emile	Taber	6	18- 9-14
Morris, Cyrus	Frank	12	13- 2-02
Manley, Henry L.	Fernie, B.C.	41	3- 6-04
Mills, Thomas	Nanaimo, B.C.	35	2- 5-04
Marsh, John	Lethbridge	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell, William	Nova Scotia	27	29-11-09
Miller, Andrew A.	Mercoal	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Evansburg	78	13-11-12
Mather, Thomas	Carbon	81	20- 7-13
Milne, Morgan C.	Virginia, U.S.A.	83	14- 7-13
Morgan, Owen	Saunders	51	17- 8-23
Morrison, Edward	Fernie, B.C. (Interchange)	62	28- 9-25
McEvoy, James	Toronto, Ont.	17	1- 8-05
McLean, Donald	Coalmont, B.C.	62	22- 5-05
McMillan, J. H.	Cadomin	17	12- 1-09
McLenhan, J. A.	Dinant	39	13- 1-10
McDonald, John R.	Edmonton	29	30-11-09
Macaulay, D. A.	Drumheller	42	9-12-10
McCulloch, James	Drumheller	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
McKelvie, James	Carbon	7	26-10-14
Macaulay, Angus G.	Drumheller	9	16- 8-15
McDonald, Hector S.	Priddis	17	7- 7-17
McLeod, John A.	Coleman	18	7- 7-17
McDonald, Noble M.	Bellevue	33	9- 7-18
McIntyre, John J.	Bellevue	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
McLean, Michael D.	Michel, B.C. (Interchange)	68	30- 8-26
Nugent, Bernard	Camrose	57	1- 8-24
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie, B.C.	11	19-11-01
Parker, John L.	Lundbreck	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04

List of Names of Holders of First Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Powell, John W.	Virginia, U.S.A.	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Coalspur	77	11-11-12
Pavier, Evan L.	Big Valley	24	24- 7-17
Puckett, Owen L.	Lovett	29	3- 7-18
Quigley, Daniel H.	Coalhurst	28	26- 6-18
Richards, James A.	Edmonton	39	17- 5-04
Raisbeck, Luke	Delia	47	28-11-04
Robertson, John	Ardley	2	22-12-05
Richards, C. C.	Calgary	36	13-12-09
Russell, John	Clover Bar	44	22-12-10
Reid, John	Oklahoma, U.S.A.	53	4-12-11
Reid, Adam H.	Oklahoma, U.S.A.	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Bellevue	10	16- 8-15
Ramsay, P. M.	Canmore	34	12-11-18
Richards, Russell	Canmore	60	20- 7-25
Stockett, Thomas R.	Utah, U.S.A.	10	19-11-01
Simister, Chas.	Lundbreck	21	13-10-03
Strachan, Robert	Fernie, B.C.	31	10- 2-04
Shepherd, F. H.	Victoria, B.C.	34	2- 5-04
Symons, C. C.	Lethbridge	37	2- 5-04
Stockett, Lewis	Calgary	51	19- 1-05
Stirling, John T.	Edmonton	8	10- 1-08
Scott, Alex.	Castor	5	26- 1-07
Sparrow, Edwin	Tawatinaw	13	7- 1-09
Scott, Andrew N.	Luscar	19	25- 1-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
Stewart, Robert T.	Blairmore	50	12- 1-22
Shanks, John	Nordegg	51	17- 1-11
Stevenson, John	Glasgow, Scotland	68	6-12-11
Stevenson, William	Hillcrest	87	29- 7-13
Shanks, David	Nordegg	16	4-11-16
Smith, Thomas E.	Montana, U.S.A.	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James M., Jr.	Nordegg	48	26- 7-20
Scott, Thomas W.	Cadomin (Interchange)	67	17- 8-26
Thorne, Benjamin L.	Calgary	32	2-12-09
Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John L.	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11
Thomas, Joseph D.	Aerial	66	4-12-11
Turner, John H.	Lethbridge	49	1- 8-21
Tennant, Robert	Coleman	59	20- 7-25
Whiteside, O. E. S.	Coleman	6	15-12-98
White, E. Proctor	Virginia, U.S.A.	8	17- 6-01
Waite, Archibald	Taber	15	9- 4-03
Wilson, David G.	Bankhead	22	31-10-03
Wilson, Arthur R.	Nanaimo, B.C.	28	12- 1-04
Wall, William H.	Vancouver, B.C.	32	10- 2-04
Wilkinson, George	Victoria, B.C.	54	27- 3-05
Williams, T. H.	Taber	10	18- 1-08
Watters, John	Burmis	30	30-11-09
Wark, S. D.	Bointula, B.C.	37	15-12-09
Willey, Edward	Fernie, B.C.	71	1-11-12
Watson, William	Drumheller	73	7-11-12
Williams, Thomas B.	Madison, Wis.	2	18- 9-14
Watters, Alexander G.	Banff	32	5- 7-18
Watson, Ronald H.	Diamond City	37	3- 7-18
Wilkinson, George	Victoria, B.C. (duplicate)	45	21-11-19
Wilton-Clark, H. W.	Coleman	66	26- 7-26
Williams, Albert	Saunders	69	1- 8-27
Wilson, Andrew	Coleman	70	1- 8-27
Young, D. B.	Rosedale	64	26- 7-26

List of Names of Holders of Second Class Certificates issued by the Government of the Province of Alberta to December 31, 1927.

Name	Address	Cert. No.	Date of Issue
Aspinall, Francis	Drumheller	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Coleman	51	17- 7-17
Ashman, Alfred W.	Maple Leaf	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordegg	110	16- 7-19
Adams, Thomas H.	Beverly	127	26- 7-20
Bastian, T. W.	Saunders West	27	8- 4-05
Bowie, J.	Wayne	4	3- 1-07
Bamling, J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	2-12-11
Bridge, Edward	Cumberland, B.C.	99	5-11-12
Brown, Alan J.	Pocahontas	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Bellevue	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15
Bilson, George H.	New Zealand	2	27- 8-14
Berford, Edward	Blairmore	27	12- 8-16
Barclay, William	Drumheller	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Wayne	72	11- 7-18
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Ball, Benjamin	Michel, B.C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge, James	Nanaimo, B.C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Lovett	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Drumheller	154	10-10-21
Bradley, Thomas	Bellevue	166	17- 8-23
Baybutt, Thomas	Hillcrest	168	17- 8-23
Blas, Emile	Bellevue	169	17- 8-23
Boucher, Charles T.	Wayne	175	16- 7-24
Barrowman, Alexander	Ardley	182	14-11-24
Bainbridge, George E.	Nordegg	183	12-12-24
Birse, Alexander	Coalhurst	185	20- 7-25
Brown, Richard G.	Cadomin	192	30- 7-26
Burton, William H.	Entwistle	194	6- 8-26
Chestnut, C.	Saunders West	30	18- 4-05
Clay, E.	Oxville	28	7- 1-09
Clyne, James	Edmonton	53	22- 4-10
Clemenson, John	Bankhead	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
Crowder, Harry	Drumheller	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Drumheller	119	29- 7-13
Crawford, Alexander	Alexo	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland, Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John C.	Coleman	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Blairmore	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18
Cartwright, Charles E.	Blairmore	85	2- 7-19

List of Names of Holders of Second Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Clarkstone, W. W.	Fernie, B.C.	93	3- 7-19
Caufield, J.	Coal Creek, B.C.	105	15- 7-19
Carr, Thomas	Brule Mines	117	1-10-19
Cole, J. J.	Bankhead	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Campbell, Thomas	Drumheller	174	16- 7-24
Chavignaud, Louis G.	Luscar	195	17- 8-26
Davies, D.	Coleman	31	18- 4-05
Duggan, R. G.	Nanaimo, B.C.	19	26- 4-04
Davis, A.	Lethbridge	4	19-11-98
Dixon, S.	Commerce	24	8- 2-08
Davies, S.	Alexo	18	10- 1-08
Davies, John	Coleman	11	26-12-07
Dunn, J. P.	Edmonton	9	26-12-07
Davis, John	Lethbridge	31	11- 1-09
Davies, T.	Frank	54	22- 4-10
Davidson, David	Coleman	94	1-11-12
Davies, Thomas O.	Hillcrest	104	7-11-12
Dalziel, Robert	Clover Bar	122	31- 7-13
Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15
Donaldson, C. S.	Lethbridge	35	25- 8-16
Duncan, N. S.	Alix	100	8- 7-19
D'Altroy, A. C.	Wayne	145	1- 8-21
Dieter, W. J.	Sheerness	167	17- 8-23
Davidson, John M.	Clover Bar	187	1- 8-25
Dutton, Joseph A.	Edmonton	198	1- 8-27
Davidson, Albert M.	Brule	202	20-12-27
Emmerson, C.	Bellevue	3	15-11-98
Eccleston, W.	Edmonton	16	10- 1-08
Evans, T. R.	Coleman	137	31- 7-13
Embree, Merton B.	Evansburg	98	3- 7-19
Fraser, G. L.	British Columbia	25	23-12-04
Flint, W. G.	Edmonton	16	
Francis, J.	Taber	29	8- 1-09
Fox, A.	Carbon	42	29-11-09
Foster, W. R.	Taber	51	24- 1-10
Fulton, James K.	Coleman	153	31- 7-13
Foster, William	Wabamun	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
Ferguson, C. J.	Edmonton	38	30- 8-16
Fortner, Edward	Tennessee, U.S.A.	57	3- 7-18
France, Thomas	Nordegg	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Wayne	142	26- 7-20
Ford, Allen	Michel, B.C.	146	1- 8-21
Green, R.	Blairmore	17	26- 4-04
Giffen, H. R.	Carbon	14	
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B.C.	100	5-11-12
Garrett, John	Blairmore	123	31- 7-13
Givens, John	Wayne	99	8- 7-19
Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Gordon, Thomas	Drumheller	184	27- 5-25
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Blairmore	12	26-12-07
Horswell, John	Edmonton	34	1- 2-09

List of Names of Holders of Second Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Howells, Nathaniel	Nacmine	55	25- 5-10
Hallworth, Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Mercoal	78	21-12-11
Heeley, William G.	Clover Bar	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Bellevue	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Medicine Hat	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	Edmonton	10	18- 9-14
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B.C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings, Andrew P.	Banff	62	5- 7-18
Hulme, Charles	Sheerness	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Canmore	102	10- 7-19
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Hall, James	Coal Creek, B.C.	190	26- 7-26
Hibbert, William J.	Coleman	191	26- 7-26
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B.C.	18	26- 4-04
Johnson, Moses	Blairmore	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Drumheller	92	1-11-12
Jordan, William	Drumheller	112	20-11-12
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Jones, Daniel	Camrose	178	24- 7-24
Jones, I.	Edmonton	197	1- 8-27
Kerr, John	Lethbridge	33	6- 7-05
Kellock, George	Coleman	39	27-11-09
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Herschel	Pocahontas	129	31- 7-13
Kerr, W. R.	Nordegg	115	2- 9-19
Lowrie, Ralph	Stettler	34	6- 7-05
Livingstone, Robert	Lethbridge	6	5- 6-99
Livingstone, John C.	Lethbridge	5	19-11-98
Lee, Robert J.	Estevan, Sask.	56	17-12-10
Luck, George	Drumheller	70	18-12-11
Letcher, William M.	Bankhead	96	1-11-12
Leblanc, Emile	Taber	127	31- 7-13
Littler, Robert	Michel, B.C.	6	18- 9-14
Lundy, James	Carbon	53	17- 7-17
Larrair, Charles F.	Hanna	74	12- 7-18
Lindoe, Luke	Coleman	170	1- 9-23
Littler, James	Michel, B.C.	200	12- 8-27
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Wayne	29	8- 4-05
Morgan, Daniel	South Wales	17	10- 1-08
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry K.	Coal Creek, B.C.	64	16- 1-11
Munro, William K.	Blairmore	76	21-12-11

List of Names of Holders of Second Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Carbon	106	11-11-12
Muir, David	Sheerness	108	11-11-12
Massey, Harry	Corbin, B.C.	116	25-11-12
Morgan, Owen	Saunders	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Cadomin	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Evansburg	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19
Mossey, Thomas	Lethbridge	95	3- 7-19
Makin, J .W.	Hillcrest	103	15- 7-19
Marsh, E.	Taber	113	25- 8-19
Miller, John H.	Midlandvale	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
Marsh, John H.	Midlandvale	153	1- 8-21
Meyers, August	Drumheller	172	18-12-23
Mossey, Robert	Frank	173	16- 7-24
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Big Valley	1	20-12-05
McLenhan, John A.	Dinant	33	1- 2-09
McKelvie, James	Carbon	43	29-11-09
McDonald, Duncan	Drumheller	60	17-12-10
McMillan, Donald	Pincher Creek	71	20-12-11
MacDonald, James A.	Bellevue	79	21-12-11
MacKay, Angus	St. Albert	81	26-12-11
McIntyre, John J.	Calgary	88	2- 3-12
McDonald, J. O. C.	Coleman	15	16- 8-15
McDonald, Hector S.	Bellevue	17	16- 8-15
McDonald, Noble M.	Bellevue	18	16- 8-15
McLellan, John A.	Wabamun	24	2-11-15
McFegan, William	South Wellington, B.C.	34	22- 8-16
McIntyre, John J.	Bellevue	41	9-12-16
MacDonald, J. H.	Nanaimo, B.C.	48	10- 7-17
McQueen, Andrew	Nordegg	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McLean, Michael D.	Michel, B.C.	122	26- 7-20
McKinnon, John J.	Cadomin	80	26- 7-18
McCullough, Alex.	Cadomin	143	10- 8-20
McLeod, Alexander	Drumheller	149	1- 8-21
McKenna, Peter	Cadomin	161	1- 8-21
MacDonald, William	Drumheller	165	10-10-21
McGaw, A. M. S.	Carmangay	171	15- 9-23
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Cadomin	46	10- 7-17
Nugent, Bernard	Camrose	73	11- 7-18
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Carbon	59	17-12-10
Oliphant, John T.	Taber	153	1- 8-21
Ostler, James	Taber	160	1- 8-21
Ottewell, William J.	Clover Bar	176	16- 7-24
Ottewell, Cedric P.	Clover Bar	193	6- 8-26
Pearson, W. G.	Blairmore	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Coalspur	35	1- 2-09
Prentice, John	Virginia, U.S.A.	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Namao	68	28- 4-11
Powell, Albert E.	Lundbreck	85	16- 1-12
Parry, Thomas	Coleman	109	12-11-12
Picton, Daniel	Aerial	118	10- 2-13
Penman, John	Rosenroll	120	29- 7-13

List of Names of Holders of Second Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Pavier, Evan	Big Valley	37	30- 8-16
Puckett, Owen L.	Lovett	50	17- 7-17
Park, William	Bellevue	65	6- 7-18
Pembleton, Geo. W.	Edmonton	97	3- 7-19
Peacock, Charles	Coalhurst	138	26- 7-20
Prendergast, Denis	Brule	188	26- 7-26
Quigley, Daniel H.	Coalhurst	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Rice, Awrey	Edson	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B.C.	41	29-11-09
Ramsey, Peter M.	Diamond City	86	24- 2-12
Roberts, E.	Big Valley	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Alix	29	12- 8-16
Robinson, William	Mountain Park	30	22- 8-16
Rawlinson, R.	Edmonton	32	22- 8-16
Richards, Evan	Balkan	59	3- 7-18
Roberts, G.	Taber	79	23- 7-18
Roberts, D. O.	Wayne	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
Ruffell, Alfred	Bellevue	140	26- 7-20
Radford, James	Wayne	147	1- 8-21
Redpath, James	Lethbridge	180	11- 8-24
Rees, Daniel	Blairmore	189	26- 7-26
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan, Sask.	22	16- 4-04
Sparrow, Edwin	Tawatinaw	7	3- 1-07
Scott, Andrew N.	Luscar	19	10- 1-08
Stewart, J. M.	Nordegg	50	24-12-09
Sihvon, William	Bellevue	40	29-11-09
Sloan, Thomas W.	Burmis	67	3- 3-11
Shaw, Thomas J.	Luscar	75	21-12-11
Strickland, Thomas	Edmonton	101	5-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Scott, Alexander	Pocahontas	103	7-11-12
Shanks, David	Nordegg	117	7-12-12
Stephenson, Joseph	Bellevue	135	31- 7-13
Stephenson, Thomas	Bellevue	136	31- 7-13
Smith, Thomas E.	Montana, U.S.A.	39	14- 9-16
Simpson, William G.	Drumheller	45	10- 7-17
Stevenson, John	Glasgow, Scotland	47	10- 7-17
Sinclair, James	Drumheller	81	7- 8-18
Sandino, J. A.	Wayne	91	3- 7-19
Stratton, J. M.	Redcliff	94	3- 7-19
Saunt, James	Drumheller	123	26- 7-20
Steele, Francis M.	Calgary	125	26- 7-20
Scott, Frederick G.	Nordegg	128	26- 7-20
Scarpino, F.	Wayne	121	26- 7-20
Shaw, William G.	Nordegg	177	24- 7-24
Shaw, Joseph H.	Huxley	186	22- 9-26
Thomas, John	Diamond City	30	8- 1-09
Thain, Harry S.	Lethbridge	32	12- 1-09
Thomas, Joseph D.	Aerial	37	25-11-09
Thomas, John	Frank	89	25- 3-12
Tonge, Thomas	Lundbreck	90	1- 6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31 -7-13
Tennant, Robert	Coleman	58	3- 7-18
Tully, Thomas	Fernie, B.C.	75	12- 7-18
Turner, J. H.	Lethbridge	89	2- 7-19
Thompson, T.	Coleman	87	2- 7-19

List of Names of Holders of Second Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Thomason, C.	Blairmore	119	12-11-19
Taylor, C. M.	Edmonton	118	1-10-19
Turner, Leonard	Nordegg	132	26- 7-20
Thomson, Andrew R.	Leduc	159	1- 8-22
Thomson, George H.	Lethbridge	163	9- 9-22
Utley, F. W.	Bellevue	108	16- 7-19
Villard, Henry	Wabamun	181	11- 8-24
Williams, Thomas H.	Vancouver, B.C.	8	20- 7-00
Waite, Archibald	Taber	10	25- 4-04
Wilson, William G.	Canmore	3	20-12-05
Whitelaw, Thomas	Lethbridge	25	24- 2-08
Watters, John	Burmis	22	18- 1-08
Watkins, W. E.	Champion	20	18- 1-08
Watson, William	Drumheller	13	26-12-07
Winter, Archibald	Strathcona	63	16- 1-11
Watters, Alexander G.	Banff	95	1-11-12
Williams, John J.	Three Hills	11	18- 9-14
Worthington, Thomas	Lethbridge	69	9- 7-18
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Lovett	134	26- 7-20
Willetts, Frederick	Hillcrest	148	1- 8-21
Wilson, Robinson	Drumheller	151	1- 8-21
Williams, Arthur E.	Saunders	162	1- 8-21
Worthington, W. T.	Edmonton	92	3- 7-19
Williamson, David S.	Camrose	199	5- 8-27
Westcott, Henry M.	Wayne	201	10- 9-27
Yard, George C.	Nordegg	150	1- 8-21
Young, D. B.	Coleman	186	24- 7-25

List of Names of Holders of Third Class Certificates issued by the Government of the Province of Alberta to December 31, 1927.

Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis	Drumheller	32	30- 5-07
Ashurst, W.	Coleman	82	26- 8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David	Bickerdike	222	25-11-12
Allan, Alexander M.	Hosmer, B.C.	247	31- 7-13
Adams, Thomas H.	Beverly	16	10- 3-14
Anderson, Andrew	Bellevue	39	17- 6-14
Atherton, Edward	Sheerness	40	14- 7-14
Appleton, John T.	Mountain Park	76	19- 4-15
Ashton, William	Edmonton	90	27- 8-15
Anderson, Hugh W.	Edmonton	150	7- 7-17
Ashman, Alfred	Maple Leaf	151	7- 7-17
Armstrong, John	Castor	171	17- 7-17
Armstrong, Peter M.	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio	Nordegg	478	1- 8-22
Astley, David	Wood River	483	1- 8-22
Anderson, Robert	Drumheller	638	17- 8-26
Anderson, Gunner W.	Evansburg	650	1- 8-27
Bastian, T. W.	Saunders West	30	5-12-04
Bansemer, R.	Bankhead	14	3- 1-07
Barber, J.	Frank	7	3- 1-07
Burrows, C.	Brule	40	18- 1-08

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Brown, T.	Edmonton	24	14- 5-07
Blake, P.	Lundbreck	23	14- 5-07
Brovey, A. C.	Luscar	64	1- 2-09
Boulton, W. E.	Drumheller	48	29- 5-08
Barnes, B. J.	Coal Creek, B.C.	92	29-11-09
Besso, A.	Canmore	80	26- 7-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Bellevue	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan J.	Cardiff	163	17-11-11
Berford, Edward	Elcan	196	13- 7-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B.C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	20-12-13
Brearley, Garnet	Coalhurst	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Byers, John W.	Taber	48	25-11-14
Brown, John F.	Edmonton	29	21- 4-14
Barclay, William G.	Drumheller	30	23- 4-14
Byron, John	Coalhurst	11	10- 3-14
Billington, Edward E.	England	73	25- 2-15
Booth, George	Beverly	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Coleman	153	7- 7-17
Beveridge, Andrew	Lucky Strike	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobroviski, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18
Brooks, Claude E.	Drumheller	220	8- 6-18
Briggs, Alfred J.	Drumheller	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B.C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B.C.	292	20-11-19
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, Andrew	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20
Bird, Richard	Nordegg	357	26- 7-20
Barrington, F. J.	Rosedale	362	26- 7-20
Baxter, Robert	Lochearn	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21
Battee, Noyes S.	Drumheller	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Barrie, James	Commerce	401	1- 8-21
Briggs, William A.	Drumheller	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B.C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Edmonton	499	1-11-22
Brown, Austin L.	Edmonton	510	30- 5-23
Boscariol, J.	Mountain Park	521	17- 8-23
Brewer, Thomas W.	Drumheller	529	17- 8-23
Bonner, Fred	Evansburg	542	1- 9-23
Barrowman, Alexander	Nordegg	548	15- 9-23
Burton, William H.	Entwistle	553	1-11-23
Brown, Clarence H.	Drumheller	554	15-11-23
Boutry, A.	Bellevue	557	4-12-23
Burnham, George	Fallis	560	18-12-23
Brown, Richard	Cadomin	598	20- 8-25
Burrell, John	Coleman	607	25- 8-25
Burrows, James G.	Bellevue	617	14- 9-25
Balkwill, Frederick W.	Alexo	631	30- 7-26
Booth, Harry	Beverly	654	12- 8-27
Cawthorne, L.	Frank	46	18- 4-05
Churchill, J.	Frank	45	18- 4-05
Chestnut, C.	Blairmore (duplicate)	28	6- 7-05
Cowan, W.	Bankhead	4	15-11-08
Cooke, J.	Bankhead	4	30- 5-06
Catchpole, C.	Three Hills	2	30- 5-06
Cole, J. J.	Bankhead	66	1- 2-09
Clyne, J.	Edmonton	65	1- 2-09
Chestnut, C.	Saunders West	28	26- 4-04
Campbell, Kenneth S.	Edmonton	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Coalhurst	120	21- 6-10
Crockett, Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Combs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Cox, John	Coleman	193	13- 7-12
Crawford, John	Blairmore	197	13 -7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Drumheller	218	11-11-12
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, S. A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15
Coxon, Thomas	Nacmine	80	27- 8-15
Convery, Dennis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher	Drumheller	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovett	246	26- 6-19

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Campbell, Thomas	Alexo	247	26- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Brule	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
Congalton, Clem. S.	Alaska	315	26- 7-20
Cameron, Donald	Coalspur	331	26- 7-20
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue	365	26- 7-20
Candlish, W. S.	Brule	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Bellevue	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Clelland, Thomas	Edmonton	574	24- 7-24
Crichton, Robert	Hillcrest	516	17- 8-23
Carty, Patrick	Evansburg	595	20- 7-25
Canet, Camille A.	Blairmore	601	25- 7-25
Crawford, Robert	Lethbridge	619	21-10-25
Chagivnaud, Louis G.	Luscar	626	26- 7-26
Crawford, Charles	Edmonton	647	1- 8-27
Conlin, Richard	Drumheller	656	14- 8-27
Crawford, James	Alexo	662	10- 9-27
Davies, T.	Frank	49	18- 4-05
Duggan, R. G.	Taber	27	26- 4-04
Downs, T.	Canmore	24	25-11-03
Dickson, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Hillcrest	109	2- 6-10
Davidson, David	Coleman	170	17-11-11
Doodson, Robert	Coal Creek, B.C.	177	17-11-11
Duthie, Alexander F.	Pocahontas	184	28-11-11
Digman, John H.	Royal View	198	13- 7-12
Duncan, Ninian S.	Alix	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Dennis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	Wayne	6	1-12-13
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Dawes, Edmund	Drumheller	222	8- 6-18
Davies, J.	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Edmonton	347	26- 7-20
Devoy, William	Hardieville	9	6- 3-14
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21
Davey, George	Michel, B.C.	418	1 -8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B.C.	492	1 -8-22
Dudley, John T.	Hillcrest	493	1- 8-22

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Davidson, Albert M.	Brule	517	17- 8-23
Desson, Horace E.	Rosedale	526	17- 8-23
Driscoll, L.	Evansburg	560	24- 7-24
Dawson, Glen	Brule	573	24- 7-24
Dunbar, Edgar J.	Canmore	575	1- 8-24
Dunn, Charles F.	Drumheller	604	25- 7-25
Dupen, Albert E.	Lethbridge	616	14- 8-25
Davis, Fred M.	Jeffrey	618	28- 9-25
Dutton, Joseph A.	Redcliff	623	26- 7-26
Donnachie, John	Brule	630	26- 7-26
Eccleston, W.	Edmonton	20	3- 1-07
Evans, H.	Taber	94	2-12-09
Evans, D.	Frank	83	3- 9-09
Evans, Hugh	Lethbridge	156	12- 7-11
Embree, Merton B.	Evansburg	239	31- 7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7- 7-17
Excoffon, Eugene	Bellevue	155	7- 7-17
Eno, John W.	Drumheller	223	8- 6-18
Eccleston, Richard	Bellevue	243	26- 6-19
Evans, Thomas O.	Blairmore	244	26- 6-19
Evans, Gwilym	Blairmore	308	26- 7-20
Evans, Charles	Hillcrest	327	26- 7-20
Eccleston, J. W.	Mountain Park	330	26- 7-20
Evans, William	Drumheller	360	26- 7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1- 8-21
Entwistle, Albert V.	Kipp	471	31- 7-22
Eccleston, Thomas	Mountain Park	475	31- 7-22
Eckert, William	Sedalia	539	17- 8-23
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Edmonton	4	20-12-05
Fraser, J.	Coleman	8	3- 1-07
Fox, A.	Carbon	55	8- 1-09
Fowers, C. W.	Canmore	50	29- 5-08
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Wayne	31	28- 4-14
Ferguson, John	Commerce	34	23- 5-14
Fyfe, Walter H.	Wayne	79	19- 8-15
Fishwick, Thomas	Mountain Park	98	12-10-15
Foster, James	Lethbridge	174	17- 7-17
Fisher, William J.	Bellevue	186	17- 7-17
Fisher, Ernest	Bellevue	256	26- 6-19
Fraser, Alec	Carmangay	274	26- 6-19
Fraser, James	Carbon	286	25- 8-19
France, Harry	Nordegg	288	8-10-19
Flynn, Thomas E.	Coleman	306	26- 7-20
Ford, George C.	Drumheller	310	26- 7-20
Fudge, George H.	Foothills	311	26- 7-20
Fisher, Harry	Hillcrest	338	26- 7-20
Fourneau, Jean F.	Bellevue	396	1- 8-21
Ferryman, Henry	Corbin, B.C.	447	16- 6-22
Foster, Richard	Edmonton	502	29-12-22
Fleming, Nelson	Coleman	550	1-11-23
Fulton, James	Champion	652	12- 8-27
Gatlis, R.	Long Coulee	85	25-11-09
Giffen, H. R.	Carbon	19	26- 4-04
Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04
Gladwin, J.	Edmonton	97	20-12-09
Griffiths, T. J.	Lille	77	18- 6-09

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Gillespie, John M.	Coleman	111	2- 6-10
Gilliland, William	Cardiff	123	8-11-10
Gwilliam, David J. M.	Namao	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B.C.	180	23-11-11
Gorton, James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Edmonton	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gammie, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Drumheller	248	26- 6-19
Green, Henry V.	Halkirk (duplicate)	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson, Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Midlandvale	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22
Gavelin, Fred	Blairmore	519	17- 8-23
Gibson, Joseph C.	Diamond City	587	24- 1-25
Gilmour, John	Cadomin	605	25- 7-25
Gordon, David L.	Drumheller	636	6- 8-26
Gibson, Thomas P.	Midlandvale	663	16- 9-27
Holmes, G. E.	Fernie, B.C.	15	1- 9-03
Hood, Andrew	Frank	20	26- 4-04
Hadfield, John	Canmore	23	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Blairmore	60	22- 1-09
Henderson, W.	Calgary	61	26- 1-09
Harvie, John	Taber	68	1- 2-09
Higgins, Alfred	Bankhead	25	15- 5-07
Hannen, James	Canmore	1	30- 5-06
Holden, James	Drumheller	13	3- 1-07
Humble, Stephen T.	Bellevue	29	23- 5-07
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
Hulme, Charles	Carbon	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Bellevue	135	30-12-10
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George W.	Nanaimo, B.C. (duplicate)	248	31- 7-13
Halliday, George	Nanaimo, B.C.	155	8- 7-11
Hughes, William R.	Barnwell	181	23-11-11
Hutton, George	Bellevue	186	2-12-11

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Hutchinson, Peter	Frank	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Medicine Hat	207	10- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Heathcote, Joseph	Edmonton	32	28- 4-14
Harmison, William	Cassidy, B.C.	41	27- 8-14
Hynd, William	Elcan	52	26-11-14
Hutton, Hutton	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Elcan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter, John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Lethbridge	176	10- 7-17
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pocahontas	207	1- 6-18
Head, James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Edmonton	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovett	332	26- 7-20
Hawkins, E. L.	Nordegg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hutchinson, George E.	Nordegg	402	1- 8-21
Hall, James	Brookdale	404	1- 8-21
Hetherington, R., Jr.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 8-21
Hall, Ernest	Wayne	438	10-10-21
Horner, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Hooten, Robert	Edmonton	505	15- 2-23
Hughes, Harry	Natal, B.C.	506	9- 3-23
Harris, Rupert S.	Edmonton	513	17- 8-23
Hawkins, Harold	Drumheller	541	1- 9-23
Hulme, James	Carbon	564	26- 2-24
Hart, Daniel	Wayne	566	26- 6-24
Hadfield, W. A.	Coleman	567	16- 7-24
Harries, John	Wayne	568	16- 7-24
Hughes, Angus	Coleman	572	24- 7-24
Horne, James	Mercoal	576	1- 8-24
Holliday, William	Drumheller	596	20- 7-25
Hagblad, Theodore	Lethbridge	602	25- 7-25
Hetherington, Joseph W.	Carbon	609	25- 7-25
Hronek, Ben	Halkirk	614	1- 8-25
Hibbert, William T.	Coleman	622	11- 5-26
Hansen, Knud	Aerial	644	1- 8-27
Henderson, Andrew	Wayne	655	14- 8-27
Hamilton, John M.	Hanna	657	14- 8-27
Hillary, Michael	Midlandvale	665	26-10-27
Ironmonger, John	Hillcrest	145	3- 7-11
Ironmonger, William	Hillcrest	487	1- 8-22
Jones, Evan	Coalfields	12	26- 4-04
James, Joseph	Frank	25	26- 4-04

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Jones, Samuel A.	Nanaimo, B.C.	17	26- 4-04
Jones, Erskine	Coalfields	47	18- 4-05
James, Henry	Coleman	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12
Jordan, William	Drumheller	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
Jackson, John	Bellevue	246	31- 7-13
James, John	Pocahontas	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel G.	Lovett	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordegg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Edmonton	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22
Jones, Daniel	Dinant	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Jones, Arthur	Coleman	547	15- 8-23
Johnson, Chris.	Carbon	561	28-12-23
Jones, David I.	Wayne	578	11- 8-24
Jones, I.	Edmonton	589	3- 3-25
Kerr, William R.	Nordegg	89	29-11-09
Kerr, Robert T.	Passburg	75	17- 6-09
Kerr, Robert	Lundbreck	76	17- 6-09
Kaye, Herschel	Maycroft	191	4- 1-12
Kemp, David	Beaver Mines	201	22- 7-12
Keynon, William	Mountain Park	44	28- 9-14
Knox, Joseph	Hardieville	119	10- 7-16
Kelly, Patrick	Edmonton	147	7- 7-17
Kerrison, Thomas W.	Eyremore	163	10- 7-17
Koentges, John	Blairmore	182	25- 7-17
Kyle, Daniel C.	Hillcrest	185	25- 7-17
Klejko, Stephen	Coleman	213	1- 6-18
King, John J.	Nordegg	221	8- 6-18
Kirkham, Thomas	Sheerness	284	26- 6-19
Kehl, Isidore	Big Valley	359	26- 7-20
Krause, Herman F.	Lethbridge	407	1- 8-21
Kay, Arthur	Coleman	501	1-11-22
Klatt, Rudolph E.	Evansburg	544	1- 9-23
Knudson, Arthur	Canmore	586	4-12-24
Hendrick, Samuel O.	Coalhurst	597	20- 7-25
Kennedy, William	Mountain Park	606	25- 7-25
Kergan, Robert G.	Lethbridge	610	25- 7-25
Livingstone, Robert	Lethbridge	7	21-11-98
Livingstone, James C.	Lethbridge	18	26- 4-04
Learmonth, A. J.	Redcliff	42	23- 1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4- 7-11
Leblanc, Emile	Taber	153	8- 7-11
Littler, Robert	Michel, B.C.	166	17-11-11
Loxton, George	Fernie, B.C.	176	17-11-11
Littler, John	Michel, B.C.	190	30-12-11
Littler, Matthew	Michel, B.C.	226	7-12-12

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Laight, Jonas	Medicine Hat	233	3- 5-13
Lynch, Stewart	Canmore	26	15- 4-14
Loxton, John	Fernie, B.C.	51	27-11-14
Letcher, Joseph H.	Lovett	100	12-10-15
Lamond, David	Evansburg	109	10- 7-16
Loftus, Edward	Drumheller	111	10- 7-16
Lewis, Thomas	Hardieville	131	26- 7-16
Longworth, Thomas	Edmonton	146	5- 7-17
Logan, John T.	Drumheller	190	6- 9-17
Lohmaier, Peter	Sheerness	238	15- 7-18
Lee, Walter J.	Nordegg	269	26- 6-19
Lindsay, John	Coalhurst	272	26- 6-19
Lindsay, James	Coalhurst	273	26- 6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20
Leonard, Philip	Nordegg	479	1- 8-22
Lytkowski, William P.	Canmore	503	30-12-22
Lecuyer, Glenn	Midlandvale	562	31-12-23
Lewis, John W.	Mountain Park	580	25- 9-24
Lavis, George	Drumheller	585	14-11-24
Longworth, John	Bellevue	634	30- 7-26
Lowry, William J.	Drumheller	641	22- 9-26
Leitch, Thomas	Drumheller	660	1- 9-27
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt	Frank	34	5-12-04
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thomas	Edmonton	96	8-12-09
Morgan, Owen	Saunders	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Edmonton	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B.C.	172	17-11-11
Mason, Samuel	Lille	174	17-11-11
Murray, John	Taber	187	6-12-11
Morrison, Malcolm	Midlandvale	189	30-12-11
Melling, Peter	Evansburg	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Makin, John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 3-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Cadomin	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Taber	61	5-12-14
Morgan, William J.	Canmore	64	11-12-14
Martin, William H.	Brule	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
Maddison, William	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
Morse, Alfred T.	Hanna	172	17- 7-17
Michayluck, John G.	Brule	184	25- 7-17
Marsh, William	Drumheller	230	7- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Monkton, William	Rosedale	322	26- 7-20
Miller, Joseph, Jr.	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Evansburg	335	26- 7-20
Maddison, John	Hillcrest	354	26- 7-20
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Drumheller	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Cadomin	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22
Mossey, Robert	Frank	507	17- 5-23
Macri, D.	Brule	518	17- 8-23
Martin, David	Blairmore	527	17- 8-23
Miller, William	Drumheller	535	17- 8-23
Marsh, Walter	Kellog, Idaho	538	17- 8-23
Martin, Henry, Sr.	Saunders West	549	15- 9-23
Mitchell, Hugh J.	Foothills	569	24- 7-24
Muir, Alexander	Coleman	593	20- 7-25
Millar, David	Mercoal	627	26- 7-26
McKay, John J.	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex.	Big Valley	41	16- 1-05
McCulloch, Alex.	Cadomin	43	18- 4-05
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Dinant	51	8- 6-08
McGarry, Martin	Michel, B.C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
McDonald, Hector	Priddis	115	3- 6-10
McDonald, William C.	Lethbridge	122	16- 7-10
McDevitt, James J.	Tofield	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod, John A.	Coleman	74	8- 3-15
McLellan, John A.	Cadomin	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Blairmore	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Nordegg	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17
McDonald, John H.	Nanaimo, B.C.	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McDonald, George	Drumheller	212	1- 6-18
MacKay, William J. K.	Ontario	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B.C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordegg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
McAskill, Alexander	Drumheller	380	1- 8-21
McGaw, A. M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21
McNab, Murdoch	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubbrey, James	Drumheller	458	31- 7-22
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
McEachern, Malcolm	Wayne	531	17- 8-23
McLennan, George A.	Drumheller	534	17- 8-23
MacNeil, James	Cadomin	537	17- 8-23
McLeod, Allan	Rosedale	543	1- 9-23
McLafferty, P.	Bellevue	551	1-11-23
McGladrie, Andrew	Lethbridge	423	1- 8-21
McLeod, John R.	Bellevue	591	27- 5-25
Mackie, James	Big Valley	608	25- 7-25
McAllister, David	Mountain Park	613	1- 8-25
McKinnon, Alexander	Coleman	632	30- 7-26
McCulloch, Johnston	Coleman	642	22- 2-27
Mackie, William	Drumheller	645	1- 8-27
McDonald, Thomas	Rosedale	653	12- 8-27
McFegan, Alex.	Drumheller	661	10- 9-27
Nelson, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
Nicol, George	Cadomin	27	21- 4-14
Nugent, Bernard	Camrose	133	30- 8-16
Nelson, Walter W.	Coleman	462	31- 7-22
Nicholson, Peter	Cadomin	472	31- 7-22
Oliphant, J. H.	Carbon	26	17- 5-07
Oliphant, John	Taber	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Blairmore	104	10- 6-16
Oakley, John	Mountain Park	115	10- 7-16
Oliver, B.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B.C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Oldham, Albert	Luscar	579	11- 8-24
Oliver, Edward	Taber	584	14-11-24
Ottewell, Cedric P.	Clover Bar	620	25-11-25
Prentice, John	Virginia, U.S.A.	67	1- 2-09
Powell, Albert E.	Lundbreck	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Namao	100	18- 1-10
Pickering, Gave	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	25- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Bellevue	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Lovettville	53	27-11-14
Pavier, Evan	Big Valley	91	27- 8-15
Price, Alfred	Montana, U.S.A.	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Padgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter, J. A.	Mountain Park	361	25- 7-20
Parkinson, Harry	Coleman	465	31- 7-22
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Patterson, William	Blairmore	515	17- 8-23
Parry, Robert	Coleman	546	15- 9-23
Poxon, Wilfred	Carbon	555	15-11-23
Peters, Frederick C.	Wayne	582	25- 9-24
Price, Richard	Hillcrest	590	21- 4-25
Pickard, Joseph	Edmonton	592	20- 7-25
Perry, James E.	Beynon	612	25- 7-25
Quigley, Daniel H.	Coalhurst	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12
Rice, Awrey	Edson	48	18- 4-04
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	Edmonton	116	6- 6-10
Roberts, E.	Big Valley	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Balkan	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Magnolia	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, B.C.	4	28-11-13
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	5-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Chilliwack, B.C.	101	20-10-15
Roberts, David O.	Wayne	106	7- 7-16
Roberts, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule	211	1- 6-18
Richards, Edward	Drumheller	271	26- 6-19
Rollingson, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Blairmore	323	26- 7-20
Robertson, W. H.	Coalhurst	333	26- 7-20
Rappel, Thomas	Rosedale	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway, Leonard J.	Coalhurst	457	31- 7-22

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Richards, M. C. Russell	Canmore	509	17- 5-23
Rutherford, Leslie D.	Saunders West	565	6- 5-24
Rutherford, Wilson	Drumheller	583	30-10-24
Roome, Richard	Mountain Park	588	24- 1-25
Rhodes, William B.	Lundbreck	625	26- 7-26
Robertson, Alexander	Lethbridge	633	30- 7-26
Ramage, John	Coalhurst	648	12- 8-27
Scott, Robert	Lethbridge	6	19-12-98
Sedlock, Joseph	Canmore	22	25- 6-03
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt, O. P.	Edmonton	44	1- 2-08
Sihvon, William	Bellevue	27	17- 5-07
Scott, Andrew N.	Mountain Park	28	23- 5-07
Smith, A. J. P.	Bellevue	103	21- 2-10
Shaw, Thomas J.	Luscar	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sheratt, Owen, Sr.	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30- 4-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge (duplicate)	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joseph	Wayne	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Matthew	Edmonton	42	8- 9-14
Spencer, Murray A.	Brule	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair, James	Drumheller	68	11- 1-15
Smith, John	Blairmore	94	1- 9-15
Smith, T. Edwin	Montana, U.S.A.	130	26- 7-16
Strickland, William	Evansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Steen, Herman	Hanna	277	26- 6-19
Scott, Frederick G.	Big Valley	287	2- 9-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
Sutherland, Edward S.	Beverly	395	1- 8-21
Scott, Robert	Mountain Park	399	1- 8-21
Shaw, William G.	Nordegg	409	1- 8-21
Shaw, Joseph H.	Nordegg	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B.C.	437	29- 8-21
Sneddon, Thomas	Taber	444	3- 4-22
Shepperd, Geo. E.	Wayne	477	1- 8-22
Speager, Pete A.	Calgary	489	1- 9-22
Smith, Andrew A.	Drumheller	522	17- 8-23
Shevels, John	Bellevue	523	17- 8-23

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Smith, Sidney L.	Drumheller	552	1-11-23
Studholme, John H.	Dinant	559	18-12-23
Simmons, Efner W.	Forestburg	611	25- 7-25
Stanley, Henry	Nacmine	615	1- 8-25
Severns, Matthew	Valier, Mont. (duplicate)	621	11- 5-26
Steward, Frederick G.	Drumheller	624	26- 7-26
Shearer, Peter	Cadomin	640	22- 9-26
Smith, Terence	Edmonton	646	1- 8-27
Turner, Samuel	Frank (duplicate)	22	8- 5-07
Turner, Samuel	Frank	21	25- 6-03
Taylor, William	Lethbridge	10	16- 4-01
Thompson, Thomas	Lundbreck	16	3- 1-07
Tonge, Thomas	Lundbreck	5	30- 5-06
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thomas	Coleman	93	29-11-09
Thomas, Joseph D.	Aerial	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B.C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovettville	66	22-12-14
Thomson, David	Lovettville	82	19- 8-15
Tennant, Robert	Carbon	84	19- 8-15
Troman, Samuel	Lethbridge	87	26- 7-15
Turner, Leonard	Nordegg	125	29- 7-16
Thom, George	Mountain Park	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordegg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Edmonton	231	8- 6-18
Thomason, Charles	Blairmore	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Terris, Chapen	Gramania	429	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Lethbridge	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Brule	485	1- 8-22
Tilley, John C.	Bellevue	511	30- 6-23
Taylor, William	Midlandvale	514	17- 8-23
Turner, William H.	Blairmore	525	17- 8-23
Tucker, John M.	Entwistle	528	17- 8-23
Talbot, Walter J.	Clover Bar	533	17- 8-23
Trentham, Harry	Ghost Pine	536	17- 8-23
Teasdale, J. R. W.	Drumheller	540	1- 9-23
Tyldsley, Albert	Beverly	545	1- 9-23
Thomson, Walter	Clover Bar	628	26- 7-26
Taylor, John	Drumheller	649	1- 8-27
Tompkins, David F. R.	Foothills	559	1- 9-27
Utley, Frederick W.	Bellevue	250	26- 6-19
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michael P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Vannucci, Luigi	Brule	629	26- 7-26
Vining, Samuel	Luscar	635	30- 7-26
Watkins, W. E.	Champion	1	14-11-98
Wilson, John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03

List of Names of Holders of Third Class Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Webb, James F.	Canmore	42	8- 4-05
Wilson, William G.	Canmore	3	20-12-05
Watters, John	Burmis	5	20-12-05
Welsh, W. R.	Burmis	9	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Banff	49	29- 5-08
Weston, Thomas	Edmonton	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14
Williams, John T.	Bellevue	33	23- 5-14
Wesnedge, William	Nanaimo, B.C.	58	5-12-14
Wardrop, James	Georgetown	72	16- 2-15
Worthington, Thomas	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-15
Williams, Albert	Lovettville	138	25- 9-16
Wilcox, William J.	Brule	140	11-11-16
Willetts, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Midlandvale	169	17- 7-17
Wolstoncroft, Robert	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred, Jr.	Drumheller	225	8- 6-17
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Canmore	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woolett, Charles	Edmonton	379	1- 8-21
Walker, Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L.	Wayne	394	1- 8-21
Wilkie, John	Sheerness	405	1- 8-21
White, Robert	Nordegg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Wood, Matthew	Bellevue	508	17- 5-23
Wylie, James	Commerce	520	17- 8-23
Wiswell, Byron	Blairmore	524	17- 8-23
Weaver, William	Natal, B.C.	530	17- 8-23
Whitelaw, William	Blairmore	532	17- 8-23
Whelan, Charles J.	Newcastle P.O.	556	4-12-23
Williamson, David S.	Camrose	558	18-12-23
Waller, Herbert	Natal, B.C.	562	28-12-23
Willetts, Norman	Hillcrest	571	24- 7-24
Williams, Hugh	Nordegg	577	1- 8-24
Wilton-Clark, Harry	Coleman	594	20- 7-25
Wheatley, Frank M.	Blairmore	599	20- 7-25
Wiswell, Byron	Blairmore	637	6- 8-26
Wilson, Samuel	Drumheller	639	20- 8-26
Whittaker, William C.	Coleman	643	25- 5-27
Westcott, Henry M.	Wayne	651	1- 8-27
Warneboldt, Julius	Sheerness	658	1- 9-27
Withington, Harry E.	Newcastle P.O.	664	14-10-27
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Young, David B.	Blairmore	581	25- 9-24
Yates, James	Coleman	504	15- 2-23
Young, Robert	Newcastle P.O.	603	25- 7-25
Zak, Albert	Commerce	324	26- 7-20

List of Names of Holders of Mine Surveyors' Certificates Granted by the Government of the Province of Alberta to December 31, 1927.

Name	Address	Cert. No.	Date of Issue
Aspinall, Francis	Drumheller	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Medicine Hat	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Atkins, Cecil B.	Evansburg	162	17- 7-23
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Bilteryst, Jean	Taber	73	1- 9-15
Black, Ernest D.	England	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Wayne	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Burgess, Wilfred D.	Trail, B.C.	169	18-12-23
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church, James A. H.	Edmonton	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
Cook, Arnold D.	Calgary	113	23-11-15
Cumming, Charles H.	Edmonton	135	3- 7-18
Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	9- 3-21
Carthew, John T.	England	164	17- 7-23
Chavignaud, Louis G.	Luscar	165	17 -7-23
Drinnan, Robert G.	Edmonton	8	7- 8-15
DeHart, Joseph B.	Lethbridge	45	23- 8-15
Drummond, Leonard E.	Edmonton	51	23- 8-15
Dunn, Alex. C.	Edmonton	55	23- 8-15
Darbyshire, James	Edmonton	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
Driscoll, Alfred	Edmonton	91	7- 9-15
Dennis, Frederick W.	England	100	9- 9-15
David, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B.C.	126	10- 7-16
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	163	1- 8-22
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
Evans, Daniel	Vancouver, B.C.	123	29-12-15
Elliott, G. R.	New York, U.S.A.	150	26- 7-20
Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	Tennessee, U.S.A.	83	1- 9-15
Foster, William	Wabamun	167	1- 9-23
Green, Raoul	Blairmore	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U.S.A.	110	23-11-15
Graham, A. E.	Coleman	168	15- 9-23
Hutchison, David	Hillcrest	29	20- 8-15
Huntrods, E. S. F.	Taber	34	20- 8-15
Holden, James O. E.	Drumheller	46	23- 8-15
Hardie, W. D. L.	Lethbridge	50	23- 8-15
Hargreaves, James	Victoria, B.C.	52	23- 8-15
Hamilton, James F.	Lethbridge	67	1- 9-15
Henderson, Thomas R.	Tofield	56	23- 8-15
Hutchison, William	Hillcrest	68	1- 9-15
Hamilton, Robert	Three Hills	74	1- 9-15
Horne, Thomas	Edson	82	1- 9-15
Hyde, Marcus L.	Vancouver, B.C.	95	7- 9-15

List of Names of Holders of Mine Surveyors' Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Hamilton, W. L.	Winnipeg, Man.	117	23-11-15
Hamilton, Allan	Mercoal	131	7- 7-17
Hall, W. E. G.	Coleman	143	2- 7-19
Hetherington, W. B.	Luscar	144	9- 7-19
Higgins, Alexander	Three Hills	145	15- 7-19
Hollies, R. T.	Edmonton	153	9- 3-21
Hunter, A. B.	Medicine Hat	156	1- 8-21
Howells, N.	Nacmine	160	3-11-21
Hnatyshyn, Andrew C.	Blairmore	171	24- 7-24
Hughes, Edward	Calumet, U.S.A.	174	25- 9-24
Jones, Samuel A.	Nanaimo, B.C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
Johnson, Moses	Blairmore	130	7- 7-17
Knight, Richard R.	Edmonton	96	9- 9-15
Kellock, George	Coleman	105	23-11-15
Knight, Sidney	Edmonton	122	3-12-15
Kidd, G. L. S.	Drumheller	132	10-10-17
Livingstone, Robert	Lethbridge	9	7- 8-15
Lee, Robert J.	Estevan, Sask.	64	1- 9-15
Lavoie, G. A.	United States	44	23- 8-15
Lyster, H. M.	Toronto, Ont.	77	1- 9-15
Leblanc, Emile	Taber	107	23-11-15
Lindoe, Luke	Coleman	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Morris, R. H.	Virginia, U.S.A.	17	7- 8-15
Milne, M. C.	Virginia, U.S.A.	78	1- 9-15
Mills, H. W.	Victoria, B.C.	92	7- 9-15
Maxwell, W.	Westville, N.S.	93	7- 9-15
Millar, A. A.	Mercoal	97	9- 9-15
Meldrum, Wm.	Lethbridge	98	9- 9-15
Moodie, K. S.	Drumheller	101	9- 9-15
Marshall, J. W.	Evansburg	106	23-11-15
Marsh, John	Lethbridge	124	4- 4-16
Morgan, O.	Saunders	148	26- 7-20
Moore, H. D.	Nordegg	149	26- 7-20
Millen, John	Nordegg	172	24- 7-24
McNeill, W. F.	Calgary	6	7- 8-15
McLeod, John A.	Coleman	35	20- 8-15
McLenhan, J. A.	Coalspur	37	21- 8-15
Macaulay, A. G.	Midlandvale	41	23- 8-15
Macaulay, D. A.	Drumheller	60	31- 8-15
McCulloch, James	Drumheller	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
McDonald, John R.	Edmonton	128	22- 2-17
O'Donnell, Thomas	Rosedale	102	9- 9-15
Pitcher, Norman C.	Edmonton	10	7- 8-15
Parker, J. L.	Lundbreck	11	7- 8-15
Pickles, Wm.	Foothills	24	18- 8-15
Puckett, O. L.	Lovettville	31	20- 8-15
Ponton, G. M.	Calgary	63	1- 9-15
Piard, Marc	Bellevue	88	7- 9-15
Powell, A. E.	Lundbreck	108	23-11-15
Pascoe, Thomas	Calgary	178	1- 8-27
Quigley, Daniel H.	Coalhurst	142	2- 7-19
Reid, J. C.	Oklahoma, U.S.A.	12	7- 8-15
Richards, J. A.	Edmonton	13	7- 8-15
Robertson, J. D.	Edmonton	23	7- 8-15
Richards, C. C.	Calgary	43	23- 8-15
Robertson, J.	Ardley	61	1- 9-15
Reid, A. H.	Oklahoma, U.S.A.	62	1- 9-15
Robert, L. P.	Blairmore	65	1- 9-15
Raisbeck, Luke	Drumheller	103	23-11-15
Ritchie, D. W.	Edmonton	134	28- 6-18

List of Names of Holders of Mine Surveyors' Certificates—(*Continued*)

Name	Address	Cert. No.	Date of Issue
Robinson, W. E.	Coleman	139	11- 7-18
Riddell, J. G.	Coleman	147	26- 7-21
Richards, M. C. Russell	Edmonton	166	15- 9-23
Stockett, Lewis	Calgary	2	7- 8-15
Scott, A. N.	Edmonton	19	7- 8-15
Stirling, John T.	Luscar	36	20- 8-15
Shanks, John	Nordegg	58	28- 8-15
Stevenson, Wm.	Hillcrest	59	31- 8-15
Stevens, Leonard C.	Edmonton	66	1- 9-15
Sutherland, C. C.	Seattle, Wash.	86	3- 9-15
Stevenson, J.	Scotland	116	23-11-15
Sherwin, P. M.	Frank	127	22- 1-17
Smith, T. E.	Montana, U.S.A.	137	3- 7-18
Steele, F. M.	Calgary	146	23- 3-20
Sparks, H. E.	Ontario	155	1- 8-21
Shanks, David	Nordegg	162	3- 4-22
Shaw, Norman	Nordegg	170	16- 7-24
Stewart, R. T.	Ardley	173	11- 8-24
Thorne, B. L.	Calgary	18	7- 8-15
Thomas, J. D.	Nacmine	115	23-11-15
Turner, J. H.	Coalhurst	141	2- 7-19
Utley, Frederick W.	Bellevue	177	26- 7-26
Wilson, D. G.	Bankhead	5	7- 8-15
Whiteside, O. E. S.	Coleman	27	19- 8-15
Williams, A. E.	Saunders	38	21- 8-15
Williams, T. B.	Madison, Wis.	48	23- 8-15
Watson, R. H.	Brule	53	23- 8-15
Watters, John	Burmis	87	3- 9-15
Wilson, W. R.	Fernie, B.C.	90	7- 9-15
Wark, S. D.	Sointula, B.C.	99	9- 9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin	Fernie, B.C.	138	11- 7-18
Wilton, Clark Harry	Coleman	175	20- 7-25
Wilson, William	Clover Bar	176	14- 8-25
Whittaker, William C.	Coleman	179	6- 8-27

Certificates issued previous to September 1, 1905, were issued under the provisions of The Coal Mines Regulation Ordinance of the North-West Territories.